Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	631	((514/234.2) or (544/118)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/03 17:09
L2	2129	((514/249) or (544/258-260)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/03 17:08
L3	62	1 and pteridin$	US-PGPUB; USPAT	OR	ON	2006/02/03 17:10
L4	0	2 and ("2-aminopteridin" or "2-amino pteridine")	US-PGPUB; USPAT	OR	ON	2006/02/03 17:11
L5	0	2 and ("2-aminopteridin" or "2-amino-pteridine")	US-PGPUB; USPAT	OR	ON	2006/02/03 17:11
L6	0	2 and ("2" adj amino Adj pteridin$)	US-PGPUB; USPAT	OR	ON	2006/02/03 17:12
L7	673	2 and ("2" adj amino)	US-PGPUB; USPAT	OR	ON	2006/02/03 17:12
L8	5	2 and (amino Adj pteridin$)	US-PGPUB; USPAT	OR	ON	2006/02/03 17:12

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1611txm

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	DEC 05	CASREACT(R) - Over 10 million reactions available
NEWS	4	DEC 14	2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS	5	DEC 14	2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS	6	DEC 14	CA/CAplus to be enhanced with updated IPC codes
NEWS	7	DEC 21	IPC search and display fields enhanced in CA/CAplus with the IPC reform
NEWS	8	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/ USPAT2
NEWS	9	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS	10	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	11	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	12	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS	13	JAN 30	Saved answer limit increased
NEWS	14	JAN 31	Monthly current-awareness alert (SDI) frequency added to TULSA

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT http://download.cas.org/express/v8.0-Discover/

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 10:29:08 ON 03 FEB 2006

```
=> file reg
FILE 'REGISTRY' ENTERED AT 10:29:20 ON 03 FEB 2006
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:    1 FEB 2006  HIGHEST RN 873294-13-4
DICTIONARY FILE UPDATES:   1 FEB 2006  HIGHEST RN 873294-13-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

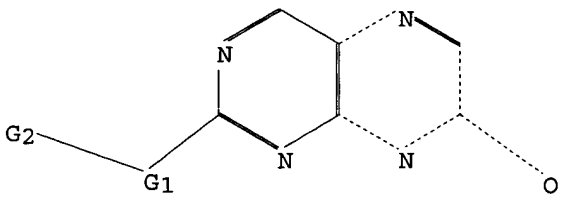
*********************************************************************
*                                                                   *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                   *
*********************************************************************

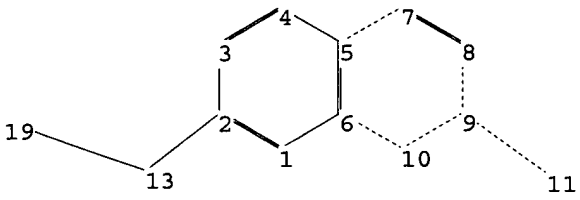
Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10070530.str
```





C 1

1 1

Hy 2

15 2

chain nodes :
11 13 15 19
ring nodes :
1 2 3 4 5 6 7 8 9 10
ring/chain nodes :
14
chain bonds :
2-13 9-11 13-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10
exact/norm bonds :
2-13 5-7 6-10 7-8 8-9 9-10 9-11 13-19
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

G1:SO2,NH,S

G2:[*1],[*2]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 13:CLASS 14:CLASS 15:Atom 19:CLASS

L1 STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 10:29:39 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 242 TO ITERATE

100.0% PROCESSED 242 ITERATIONS 22 ANSWERS
SEARCH TIME: 00.00.01

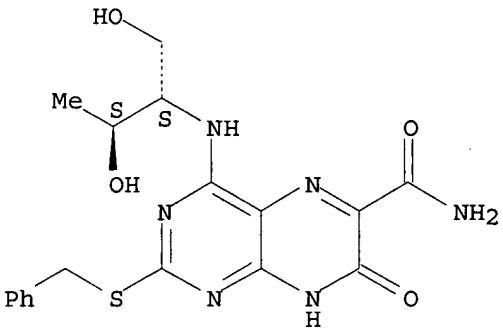
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3907 TO 5773
PROJECTED ANSWERS: 159 TO 721

L2 22 SEA SSS SAM L1

=> d scan

L2 22 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 6-Pteridinecarboxamide, 1,7-dihydro-4-[[(1S,2S)-2-hydroxy-1-(hydroxymethyl)propyl]amino]-7-oxo-2-[(phenylmethyl)thio]- (9CI)
MF C18 H20 N6 O4 S

Absolute stereochemistry.

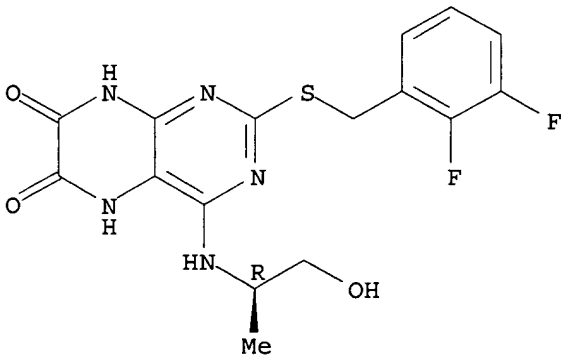


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

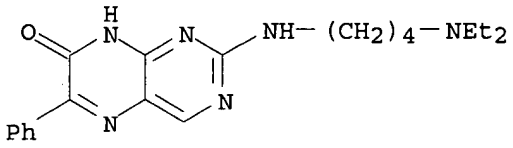
L2 22 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 6,7-Pteridinedione, 2-[[(2,3-difluorophenyl)methyl]thio]-1,5-dihydro-4-[[(1R)-2-hydroxy-1-methylethyl]amino]- (9CI)
MF C16 H15 F2 N5 O3 S

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

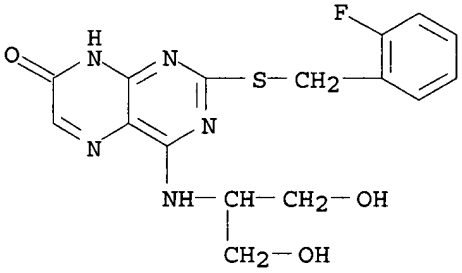
L2 22 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 7(1H)-Pteridinone, 2-[[4-(diethylamino)butyl]amino]-6-phenyl- (9CI)
MF C20 H26 N6 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

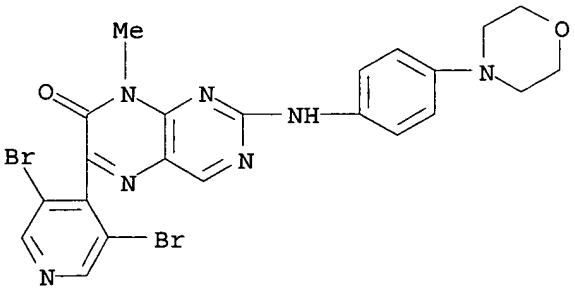
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L2 22 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 7(1H)-Pteridinone, 2-[[(2-fluorophenyl)methyl]thio]-4-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (9CI)
MF C16 H16 F N5 O3 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 22 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 7(8H)-Pteridinone, 6-(3,5-dibromo-4-pyridinyl)-8-methyl-2-[[4-(4-morpholinyl)phenyl]amino]- (9CI)
MF C22 H19 Br2 N7 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

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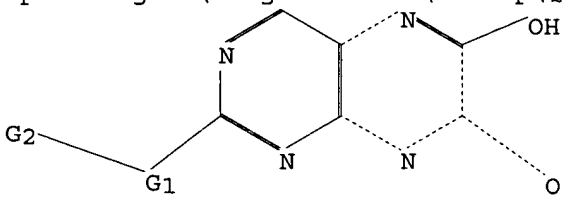
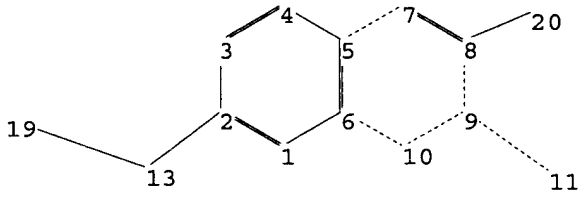
Uploading C:\Program Files\Stnexp\Queries\10070530a.str





C 1 1

Hy 2 15 2

chain nodes :
11 13 15 19 20
ring nodes :
1 2 3 4 5 6 7 8 9 10
ring/chain nodes :
14
chain bonds :
2-13 8-20 9-11 13-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10
exact/norm bonds :
2-13 5-7 6-10 7-8 8-9 8-20 9-10 9-11 13-19
normalized bonds :

```
1-2  1-6  2-3  3-4  4-5  5-6


G1:SO2,NH,S

G2:[*1],[*2]

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom
11:CLASS  13:CLASS  14:CLASS  15:Atom  19:CLASS  20:CLASS



L3      STRUCTURE UPLOADED

=> s l3 subset = l2 sample
SAMPLE SUBSET SEARCH INITIATED 10:32:49 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -        1 TO ITERATE

100.0% PROCESSED        1 ITERATIONS                                 1 ANSWERS
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):           ONLINE  **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):          1 TO       80
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):             1 TO       80

L4            1 SEA SUB=L2 SSS SAM L3

=> s l1 full; s l3 subset = l5 full
FULL SEARCH INITIATED 10:33:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     4808 TO ITERATE

100.0% PROCESSED     4808 ITERATIONS                             384 ANSWERS
SEARCH TIME: 00.00.01

L5          384 SEA SSS FUL L1


FULL SUBSET SEARCH INITIATED 10:33:25 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -       14 TO ITERATE

100.0% PROCESSED       14 ITERATIONS                              12 ANSWERS
SEARCH TIME: 00.00.01

L6           12 SEA SUB=L5 SSS FUL L3

=> s l5 not l6
L7         372 L5 NOT L6

=> file caold caplus; s l7 s wo-2001019825?/pn
FILE 'CAOLD' ENTERED AT 10:34:12 ON 03 FEB 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE 'CAPLUS' ENTERED AT 10:34:12 ON 03 FEB 2006
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```
MISSING OPERATOR L7 S WO-200101
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> file caold caplus; s l7; s wo-2001019825?/pn
FILE 'CAOLD' ENTERED AT 10:34:28 ON 03 FEB 2006
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FILE 'CAPLUS' ENTERED AT 10:34:28 ON 03 FEB 2006
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L8          70 L7

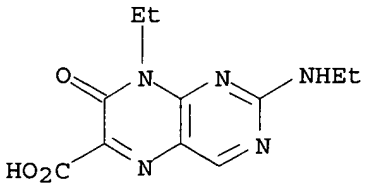

L9           1 WO-2001019825?/PN

=> s l8 not l9
L10         69 L8 NOT L9

=> sort l10 py
SORT ENTIRE ANSWER SET? (Y)/N:.
            10 ANSWERS DID NOT HAVE 'PY' SORT FIELD
PROCESSING COMPLETED FOR L10
L11         69 SORT L10 PY

=> d 1-15 cbib pi fhitstr

L11  ANSWER 1 OF 69  CAPLUS  COPYRIGHT 2006 ACS on STN
1961:2710   Document No. 55:2710  Original Reference No. 55:551g-i,552a-i,553a-
     d  Pteridines. XXII. 5,8-Dihydropteridines by sodium borohydride
     reduction.  Pfleiderer, Wolfgang; Taylor, Edward C. (Princeton Univ.,
     Princeton, NJ).  Journal of the American Chemical Society, 82, 3765-72
     (Unavailable) 1960.  CODEN: JACSAT.  ISSN: 0002-7863.  OTHER SOURCES:
     CASREACT 55:2710.
IT   2144-74-3, 6-Pteridinecarboxylic acid, 8-ethyl-2-ethylamino-7,8-
     dihydro-7-oxo-
        (esters)
RN   2144-74-3  CAPLUS
CN   6-Pteridinecarboxylic acid, 8-ethyl-2-(ethylamino)-7,8-dihydro-7-oxo-
     (6CI, 7CI, 9CI)  (CA INDEX NAME)
```

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L11  ANSWER 2 OF 69  CAPLUS  COPYRIGHT 2006 ACS on STN
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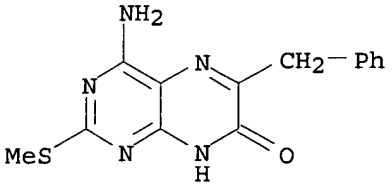
1963:85590 Document No. 58:85590 Original Reference No. 58:5676h,5677a Synthesis of pteridines from 4,5-diaminopyrimidines and aromatic α-oxo acids. IV. Alkylation of some thionopteridines. Baranov, S. N.; Gorizdra, T. E. (Med. Inst., Lvov). Zh. Obshch. Khim., 32, 1226-30 (Unavailable) 1962.

IT **92193-66-3**, 7-Pteridinol, 4-amino-6-benzyl-2-(methylthio)- (preparation of)

RN 92193-66-3 CAPLUS

CN 7-Pteridinol, 4-amino-6-benzyl-2-(methylthio)- (7CI) (CA INDEX NAME)



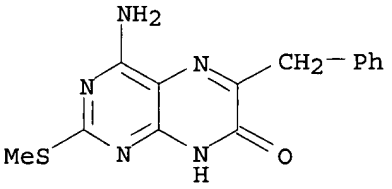
L11 ANSWER 3 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN

1963:33383 Document No. 58:33383 Original Reference No. 58:5676e-h Synthesis of pteridines from 4,5-diaminopyrimidines and aromatic α-oxo acids. III. Synthesis of some thiopteridines. Baranov, S. N.; Gorizdra, T. E. (Med. Inst., Lvov). Zhurnal Obshchei Khimii, 32, 1220-6 (Unavailable) 1962. CODEN: ZOKHA4. ISSN: 0044-460X. OTHER SOURCES: CASREACT 58:33383.

IT **92193-66-3**, 7-Pteridinol, 4-amino-6-benzyl-2-(methylthio)- (preparation of)

RN 92193-66-3 CAPLUS

CN 7-Pteridinol, 4-amino-6-benzyl-2-(methylthio)- (7CI) (CA INDEX NAME)



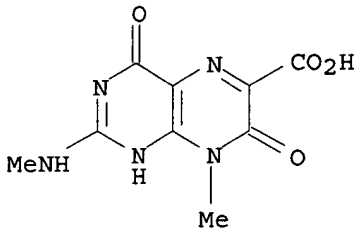
L11 ANSWER 4 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN

1962:429654 Document No. 57:29654 Original Reference No. 57:5917i,5918a-i,5919a-i,5920a-d Pteridines. VII. Methylation studies. 2. 8-Methyl derivatives. Angler, Robert B.; Curran, William V. (Am. Cyanamid Co., Pearl River, NY). Journal of Organic Chemistry, 27, 892-8 (Unavailable) 1962. CODEN: JOCEAH. ISSN: 0022-3263.

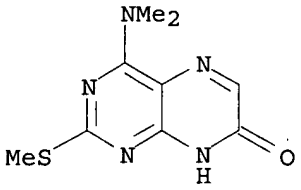
IT **90435-83-9**, 6-Pteridinecarboxylic acid, 3,4,7,8-tetrahydro-8-methyl-2-(methylamino)-4,7-dioxo- (preparation of)

RN 90435-83-9 CAPLUS

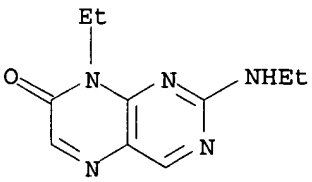
CN 6-Pteridinecarboxylic acid, 3,4,7,8-tetrahydro-8-methyl-2-(methylamino)-4,7-dioxo- (7CI) (CA INDEX NAME)



L11 ANSWER 5 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1964:30914 Document No. 60:30914 Original Reference No. 60:5487h,5488a-h,5489a-f Pteridines. XXVIII. The synthesis and structure of 4-amino-6-hydroxy- and 4-amino-7-hydroxypteridines. Soell, Dieter; Pfleiderer, Wolfgang (Tech. Hochschule, Stuttgart, Germany). Ber., 96(11), 2977-91 (Unavailable) 1963.
IT **52222-41-0**, 7(8H)-Pteridinone, 4-(dimethylamino)-2-(methylthio)- (preparation of)
RN 52222-41-0 CAPLUS
CN 7(1H)-Pteridinone, 4-(dimethylamino)-2-(methylthio)- (9CI) (CA INDEX NAME)



L11 ANSWER 6 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1965:90928 Document No. 62:90928 Original Reference No. 62:16245b-g Synthesis and properties of 5,6- and 5,8-dihydropteridine isomers. Taylor, E. C.; Thompson, M. J.; Pfleiderer, W. (Princeton Univ., Princeton, NJ). Pteridine Chem., Proc. Intern. Symp., 3rd, Stuttgart, 1962, 181-205, discussion 205-10 (English) 1964.
IT **1471-82-5**, 7(8H)-Pteridinone, 8-ethyl-2-(ethylamino)- (preparation of)
RN 1471-82-5 CAPLUS
CN 7(8H)-Pteridinone, 8-ethyl-2-(ethylamino)- (6CI, 7CI, 8CI) (CA INDEX NAME)



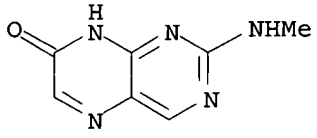
L11 ANSWER 7 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1965:431708 Document No. 63:31708 Original Reference No. 63:5647b-d

Pyrimidine reactions. X. The methylation of triaminopyrimidines; conversion of the resulting imines into pteridines. Brown, D. J.; Jacobsen, N. W. (Australian Natl. Univ., Canberra). Journal of the Chemical Society, Abstracts (June), 3770-8 (English) 1965. CODEN: JCSAAZ. ISSN: 0590-9791.

IT **1980-00-3**, 7-Pteridinol, 2-(methylamino)-
(preparation of)

RN 1980-00-3 CAPLUS

CN 7(1H)-Pteridinone, 2-(methylamino)- (9CI) (CA INDEX NAME)



L11 ANSWER 8 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN

1967:65521 Document No. 66:65521 Pteridine derivatives. (Thomae, Dr. Karl, G.m.b.H.). Neth. Appl. NL 6605126 19661017, 22 pp. (Dutch). CODEN: NAXXAN. PRIORITY: DE 19650415.

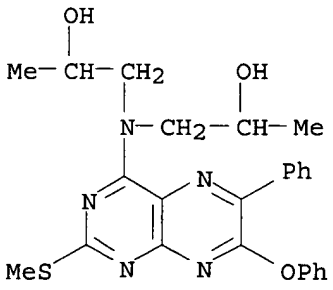
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI NL 6605126		19661017	NL	
DE 1620498			DE	
FR 1485627			FR	
FR 5876			FR	
GB 1130956			GB	
US 3475425		19690000	US	

IT **14343-52-3P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 14343-52-3 CAPLUS

CN 2-Propanol, 1,1'-[[2-(methylthio)-7-phenoxy-6-phenyl-4-pteridinyl]imino]di- (8CI) (CA INDEX NAME)

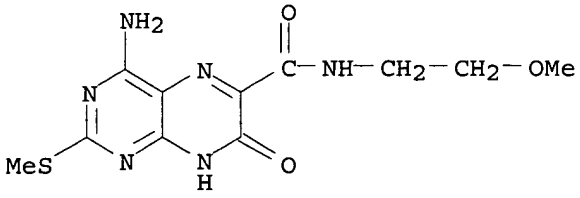


L11 ANSWER 9 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN

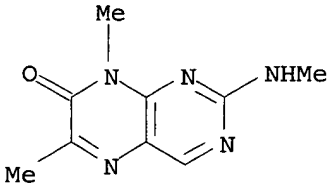
1966:465525 Document No. 65:65525 Original Reference No. 65:12204g-h Pteridinecarboxamide diuretics. I. Reaction of 4,6-diamino-5-nitrosopyrimidines with substituted malonamides. Osdene, T. S.; Santilli, Arthur A.; McCardle, Lee E.; Rosenthale, Marvin E. (Res. & Develop. Div., Wyeth Labs., Inc., Radnor, PA). Journal of Medicinal Chemistry, 9(5), 697-701 (English) 1966. CODEN: JMCMAR. ISSN: 0022-2623.

IT **10570-14-6**, 6-Pteridinecarboxamide, 4-amino-7-hydroxy-N-(2-

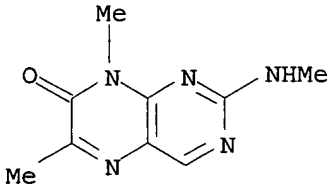
methoxyethyl)-2-(methylthio)-
(preparation of)
RN 10570-14-6 CAPLUS
CN 6-Pteridinecarboxamide, 4-amino-7-hydroxy-N-(2-methoxyethyl)-2-(methylthio)- (7CI, 8CI) (CA INDEX NAME)



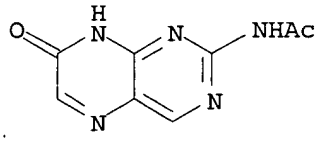
L11 ANSWER 10 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1966:412315 Document No. 65:12315 Original Reference No. 65:2260c-e
Pteridine studies. XXXI. The covalent hydration and subsequent oxidation of 8-methyl derivatives of some amino- and hydroxypteridines. Jacobsen, N. W. (John Curtis School Med. Res., Australian Natl. Univ., Canberra). Journal of the Chemical Society [Section] C: Organic (12), 1065-72 (English) 1966. CODEN: JSOOAX. ISSN: 0022-4952.
IT **6743-28-8**, 7(8H)-Pteridinone, 6,8-dimethyl-2-(methylamino)-
(preparation of)
RN 6743-28-8 CAPLUS
CN 7(8H)-Pteridinone, 6,8-dimethyl-2-(methylamino)- (7CI, 8CI) (CA INDEX NAME)



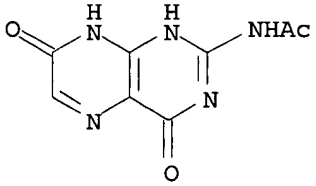
L11 ANSWER 11 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1966:412314 Document No. 65:12314 Original Reference No. 65:2260b-c
Structure of transient hydroperoxides in the autoxidation of reduced flavins. Mager, H. I. X.; Berends, W. (Inst. Technol., Delft, Neth.). Biochimica et Biophysica Acta, 118(2), 440-1 (English) 1966. CODEN: BBACAQ. ISSN: 0006-3002.
IT **6743-28-8**, 7(8H)-Pteridinone, 6,8-dimethyl-2-(methylamino)-
(preparation of)
RN 6743-28-8 CAPLUS
CN 7(8H)-Pteridinone, 6,8-dimethyl-2-(methylamino)- (7CI, 8CI) (CA INDEX NAME)



L11 ANSWER 12 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1966:68139 Document No. 64:68139 Original Reference No. 64:12775g-h,12776a-b
Pteridines. XXX. Synthesis of 2-amino- and 2-dimethylamino-7-(2,3,4,6-tetra-O-acetyl-β-D-glucopyranosyloxy)pteridine. Pfleiderer, Wolfgang; Reisser, Fritz (Tech. Hochsch., Inst. Org. Chem., Stuttgart, Germany). Chemische Berichte, 99(2), 536-41 (German) 1966. CODEN: CHBEAM. ISSN: 0009-2940. OTHER SOURCES: CASREACT 64:68139.
IT **6666-07-5**, 7(8H)-Pteridinone, 2-acetamido-
(preparation of)
RN 6666-07-5 CAPLUS
CN 7(8H)-Pteridinone, 2-acetamido- (7CI, 8CI) (CA INDEX NAME)



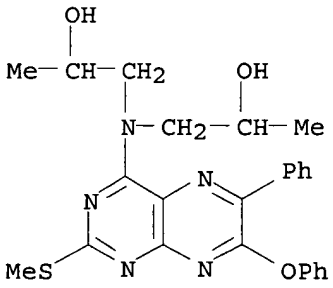
L11 ANSWER 13 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1968:435232 Document No. 69:35232 Mass spectra of acetylated pteridine derivatives. Yamakami, Hiroshi; Sakurai, Atsushi; Goto, Miki (Gakushuin Univ., Tokyo, Japan). Nippon Kagaku Zasshi, 88(12), 1320-5 (Japanese) 1967. CODEN: NPKZAZ. ISSN: 0369-5387.
IT **19962-35-7**
RL: PRP (Properties)
(mass spectrum of)
RN 19962-35-7 CAPLUS
CN Acetamide, N-(3,4,7,8-tetrahydro-4,7-dioxo-2-pteridinyl)- (8CI) (CA INDEX NAME)



L11 ANSWER 14 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1969:96826 Document No. 70:96826 Substituted pteridines. Roch, Josef (Thomae, Dr. Karl, G.m.b.H.). S. African ZA 6706095 19680226, 24 pp. (English). CODEN: SFXXAB. PRIORITY: DE 19661014.
PATENT NO. KIND DATE APPLICATION NO. DATE

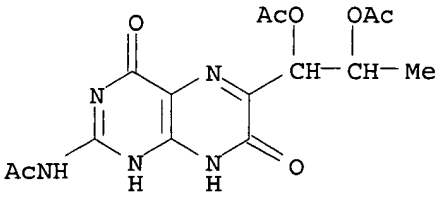
PI	ZA 6706095	19680226		
	DE 1620571		DE	
	FR 1540817		FR	
	FR 7822		FR	
	GB 1175907		GB	
	US 3557105	19710000	US	

IT **14343-52-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 14343-52-3 CAPLUS
CN 2-Propanol, 1,1'-[[2-(methylthio)-7-phenoxy-6-phenyl-4-pteridinyl]imino]di- (8CI) (CA INDEX NAME)



L11 ANSWER 15 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1968:419123 Document No. 69:19123 Isolation and identification of acetylated pteridines from loach. Ohta, Kyuji; Goto, Miki (Gakushuin Univ., Tokyo, Japan). Journal of Biochemistry (Tokyo, Japan), 63(1), 127-9 (English) 1968. CODEN: JOBIAO. ISSN: 0021-924X.

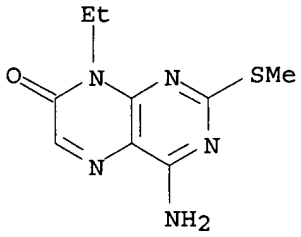
IT **18503-59-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 18503-59-8 CAPLUS
CN Acetamide, N-[6-(1,2-dihydroxypropyl)-3,4,7,8-tetrahydro-4,7-dioxo-2-pteridinyl]-, diacetate (ester) (8CI) (CA INDEX NAME)



=> d 16-30 cbib pi fhitstr

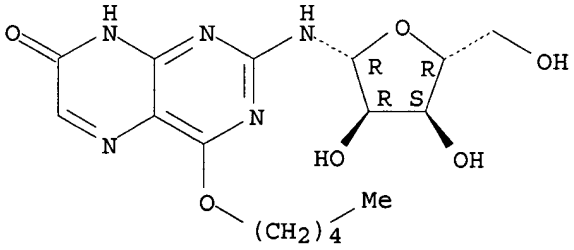
L11 ANSWER 16 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1971:3588 Document No. 74:3588 Novel method for the synthesis of 7-pteridones. Youssefyeh, Raymond D.; Kalmus, A. (Fac. Med., Hebrew Univ. Jerusalem, Jerusalem, Israel). Journal of the Chemical Society [Section] D: Chemical Communications (20), 1371-2 (English) 1970. CODEN: CCJDAO. ISSN: 0577-6171. OTHER SOURCES: CASREACT 74:3588.

IT **29984-64-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 29984-64-3 CAPLUS
CN 7(8H)-Pteridinone, 4-amino-8-ethyl-2-(methylthio)- (8CI) (CA INDEX NAME)



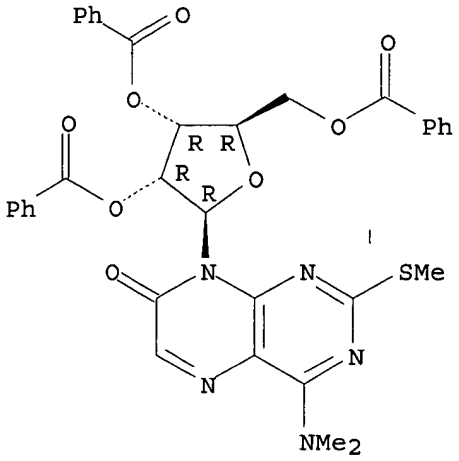
L11 ANSWER 17 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1972:86078 Document No. 76:86078 Synthesis of 8-ribofuranosyl- and 2-ribofuranosylamino-7-oxo-7,8-dihydropteridines. Autenrieth, Dieter; Schmid, Helmut; Harzer, Klaus; Ott, Manfred; Pfleiderer, Wolfgang (Fachbereich Chem., Univ. Konstanz, Constance, Fed. Rep. Ger.). Angewandte Chemie, International Edition in English, 10(12), 927-8 (English) 1971. CODEN: ACIEAY. ISSN: 0570-0833.
IT **35898-34-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 35898-34-1 CAPLUS
CN 7(1H)-Pteridinone, 4-(pentyloxy)-2-(β-D-ribofuranosylamino)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



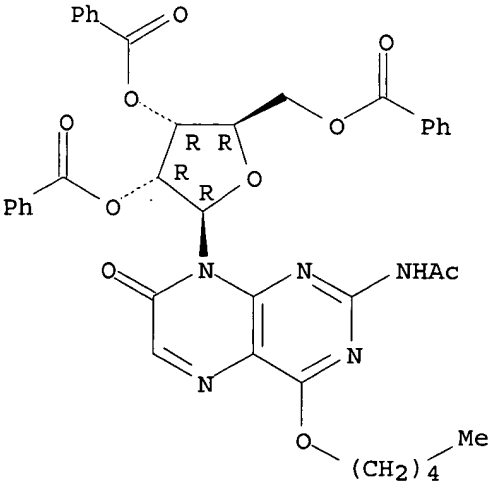
L11 ANSWER 18 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1972:86065 Document No. 76:86065 Synthesis of 4-amino-7-oxo-7,8-dihydropteridine N-8-β-D-ribosides, structural analogs of adenosine. Ott, Manfred; Pfleiderer, Wolfgang (Fachbereich Chem., Univ. Konstanz, Constance, Fed. Rep. Ger.). Angewandte Chemie, International Edition in English, 10(12), 931-2 (English) 1971. CODEN: ACIEAY. ISSN: 0570-0833.
IT **34393-46-9**
RL: PROC (Process)
(preparation of)
RN 34393-46-9 CAPLUS
CN 7(8H)-Pteridinone, 4-(dimethylamino)-2-(methylthio)-8-(2,3,5-tri-O-benzoyl-β-D-ribofuranosyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 19 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1972:86063 Document No. 76:86063 Synthesis of isoxanthopterin N-8-β-D-ribofuranoside, a structural analog of guanosine. Schmid, Helmut; Schranner, Margarete; Pfleiderer, Wolfgang (Fachbereich Chem., Univ. Konstanz, Constance, Fed. Rep. Ger.). Angewandte Chemie, International Edition in English, 10(12), 930-1 (English) 1971. CODEN: ACIEAY. ISSN: 0570-0833.
IT **35868-06-5**
RL: PROC (Process)
(preparation of)
RN 35868-06-5 CAPLUS
CN Acetamide, N-[7,8-dihydro-7-oxo-4-(pentyloxy)-8-(2,3,5-tri-O-benzoyl-β-D-ribofuranosyl)-2-pteridinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



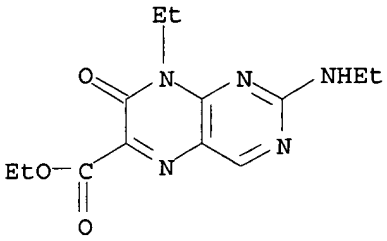
L11 ANSWER 20 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1972:46170 Document No. 76:46170 Pteridines. XXVI. Preparation and properties of some 3,4- and 5,6-dihydropteridines. Taylor, Edward C.; Thompson, Malcolm J.; Perlman, Katherine; Mengel, Rudolf; Pfleiderer,

Wolfgang (Dep. Chem., Princeton Univ., Princeton, NJ, USA). Journal of Organic Chemistry, 36(26), 4012-25 (English) 1971. CODEN: JOCEAH. ISSN: 0022-3263.

IT **2144-73-2**
RL: RCT (Reactant); RACT (Reactant or reagent)
(catalytic reduction of)

RN 2144-73-2 CAPLUS

CN 6-Pteridinecarboxylic acid, 8-ethyl-2-(ethylamino)-7,8-dihydro-7-oxo-, ethyl ester (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



L11 ANSWER 21 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN

1971:530080 Document No. 75:130080 Antiviral glycosidylpteridines. Pfleiderer, Wolfgang (CIBA-Geigy A.-G.). Ger. Offen. DE 2100263 19710715, 114 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1971-2100263 19710105.

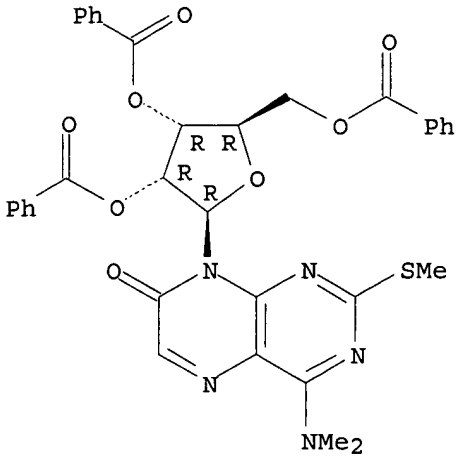
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2100263	A	19710715	DE 1971-2100263	19710105
	ZA 7008602	A	19711027	ZA 1970-8602	19701222
	FR 2081410	A1	19711203	FR 1970-47181	19701230
	FR 2081410	A5	19711203		
	US 3798210	A	19740319	US 1970-103350	19701231
	BE 761222	A1	19710705	BE 1971-98284	19710105
	NL 7100074	A	19710708	NL 1971-74	19710105

IT **34393-46-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 34393-46-9 CAPLUS

CN 7(8H)-Pteridinone, 4-(dimethylamino)-2-(methylthio)-8-(2,3,5-tri-O-benzoyl-β-D-ribofuranosyl)- (9CI) (CA INDEX NAME)

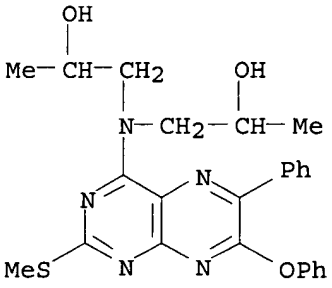
Absolute stereochemistry.



L11 ANSWER 22 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1971:405953 Document No. 75:5953 2,7-Dimorpholino-4-amino-6-phenylpteridines. Roch, Josef (Boehringer Ingelheim G.m.b.H.). U.S. US 3574206 19710406, 9 pp. (English). CODEN: USXXAM. APPLICATION: US 1968-717906 19680401.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3574206	A	19710406	US 1968-717906	19680401

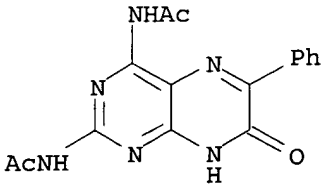
IT **14343-52-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 14343-52-3 CAPLUS
CN 2-Propanol, 1,1'-[[2-(methylthio)-7-phenoxy-6-phenyl-4-pteridinyl]imino]di- (8CI) (CA INDEX NAME)



L11 ANSWER 23 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1974:37071 Document No. 80:37071 Pteridines. LVIII. Synthesis and properties of pterin and 2,4-diaminopteridine mono- and di-N-oxides. Yamamoto, Hiroshi; Hutzenlaub, Wolfgang; Pfleiderer, Wolfgang (Fachbereich Chem., Univ. Konstanz, Constance, Fed. Rep. Ger.). Chemische Berichte, 106(10), 3175-93 (German) 1973. CODEN: CHBEAM. ISSN: 0009-2940.

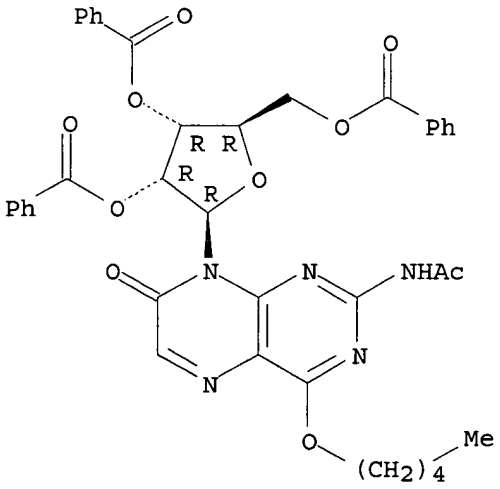
IT **51324-28-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 51324-28-8 CAPLUS
CN Acetamide, N,N'-(1,7-dihydro-7-oxo-6-phenyl-2,4-pteridinediyl)bis- (9CI)

(CA INDEX NAME)



L11 ANSWER 24 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1973:479107 Document No. 79:79107 Nucleosides. XI. Synthesis of isoxanthopterin N-8-β-D-ribofuranoside. Structural analog of the nucleoside guanosine. Schmid, Helmut; Schranner, Margarete; Pfleiderer, Wolfgang (Fachbereich Chem., Univ. Konstanz, Konstanz, Fed. Rep. Ger.). Chemische Berichte, 106(6), 1952-75 (German) 1973. CODEN: CHBEAM. ISSN: 0009-2940.
IT **35868-06-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 35868-06-5 CAPLUS
CN Acetamide, N-[7,8-dihydro-7-oxo-4-(pentyloxy)-8-(2,3,5-tri-O-benzoyl-β-D-ribofuranosyl)-2-pteridinyl]- (9CI) (CA INDEX NAME)

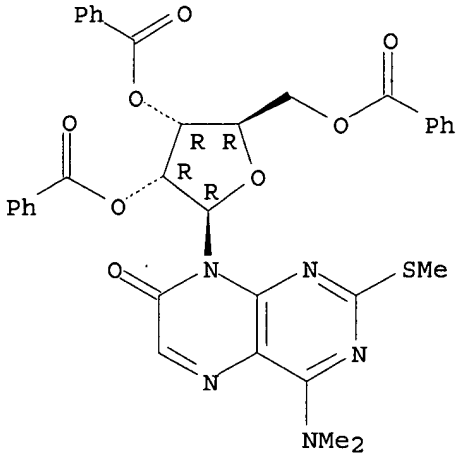
Absolute stereochemistry.



L11 ANSWER 25 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1974:108798 Document No. 80:108798 Nucleosides. XIV. Synthesis of 4-amino-7-oxo-7,8-dihydropteridine N-8-β-D-ribofuranoside A structural analog of adenosine. Ott, Manfred; Pfleiderer, Wolfgang (Fachbereich Chem., Univ. Konstanz, Konstanz, Fed. Rep. Ger.). Chemische Berichte, 107(1), 339-61 (German) 1974. CODEN: CHBEAM. ISSN: 0009-2940.
IT **34393-46-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 34393-46-9 CAPLUS
CN 7(8H)-Pteridinone, 4-(dimethylamino)-2-(methylthio)-8-(2,3,5-tri-O-benzoyl-

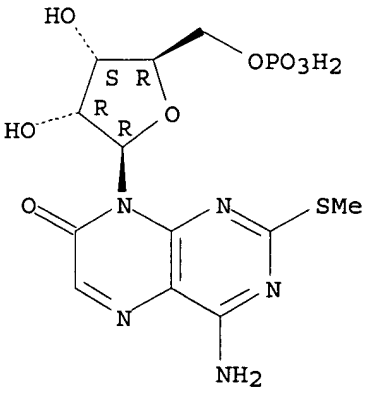
β-D-ribofuranosyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 26 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1976:146748 Document No. 84:146748 Pteridine nucleotides, synthesis and enzymic studies. Rokos, H.; Harzer, G. (Fachber. Chem., Univ. Konstanz, Constance, Fed. Rep. Ger.). Chem. Biol. Pteridines, Proc. Int. Symp., 5th, 795-804. Editor(s): Pfleiderer, Wolfgang. de Gruyter: Berlin, Ger. (English) 1975. CODEN: 32LMAC.
IT **58888-08-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as enzyme substrate)
RN 58888-08-7 CAPLUS
CN 7(8H)-Pteridinone, 4-amino-2-(methylthio)-8-(5-O-phosphono-β-D-ribofuranosyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 27 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1978:7281 Document No. 88:7281 Nucleosides. XXIII. Ribosylation of 6-substituted 2,4-diamino-5-nitropyrimidines and their transformation into pteridine ribosides. Autenrieth, Dieter; Schmid, Helmut; Ott, Manfred; Pfleiderer, Wolfgang (Fachber. Chem., Univ. Konstanz, Constance, Fed. Rep.

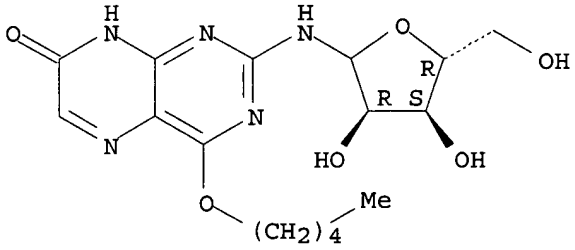
Ger.). Justus Liebigs Annalen der Chemie (7), 1194-216 (German) 1977. CODEN: JLACBF. ISSN: 0075-4617.

IT **64838-51-3P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and acetylation of)

RN 64838-51-3 CAPLUS

CN 7(1H)-Pteridinone, 4-(pentyloxy)-2-(D-ribofuranosylamino)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 28 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN

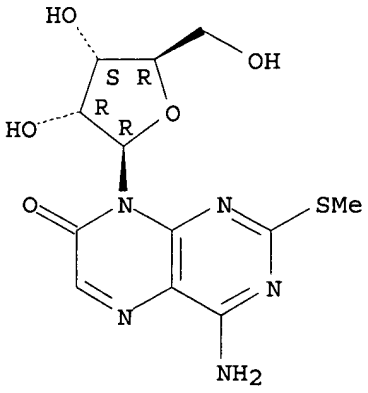
1980:164230 Correction of: 1978:615700 Document No. 92:164230 Correction of: 89:215700 4-Amino-7,8-dihydro-2-(methylmercapto)-8-β-D-ribofuranosylpteridin-7-one. Modified fusion reaction with trimethylsilylated pteridine derivatives. Ott, Manfred; Pfleiderer, Wolfgang (Dep. Chem., Univ. Konstanz, Konstanz, D-7750, Fed. Rep. Ger.). Nucleic Acid Chem., Volume 2, 735-9. Editor(s): Townsend, Leroy B.; Tipson, R. Stuart. Wiley: New York, N. Y. (English) 1978. CODEN: 39GCA6.

IT **34393-54-9P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and debenzoylation of)

RN 34393-54-9 CAPLUS

CN 7(8H)-Pteridinone, 4-amino-2-(methylthio)-8-β-D-ribofuranosyl- (8CI, 9CI) (CA INDEX NAME)

Absolute stereochemistry.

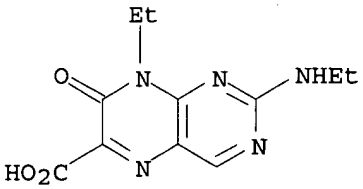


L11 ANSWER 29 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN

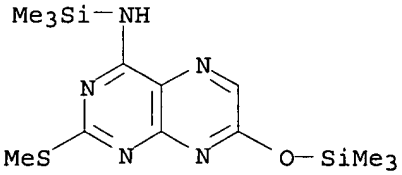
1979:204150 Document No. 90:204150 6-[D-2-(2-Ethylamino-8-ethyl-7(8H)-pteridinone-6-carboxamido)-2-phenylacetamido]penicillanic acids. Morita, Yoshiharu; Oya, Junichi; Shirasaka, Tadashi (Mitsubishi Chemical Industries Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 53124296 19781030 Showa, 5 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1977-38643 19770405.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 53124296	A2	19781030	JP 1977-38643	19770405

IT **2144-74-3**
RL: RCT (Reactant); RACT (Reactant or reagent)
(acylation of ampicillin or amoxicillin by)
RN 2144-74-3 CAPLUS
CN 6-Pteridinecarboxylic acid, 8-ethyl-2-(ethylamino)-7,8-dihydro-7-oxo- (6CI, 7CI, 9CI) (CA INDEX NAME)



L11 ANSWER 30 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1978:615700 Document No. 89:215700 4-Amino-7,8-dihydro-2-(methylmercapto)-8-β-D-ribofuranosylpteridin-7-one. Modified fusion reaction with trimethylsilylated pteridine derivatives. Ott, Manfred; Pfleiderer, Wolfgang (Dep. Chem., Univ. Konstanz, Konstanz, Fed. Rep. Ger.). Nucleic Acid Chem., Volume 2, 735-9. Editor(s): Townsend, Leroy B.; Tipson, R. Stuart. Wiley: New York, N. Y. (English) 1978. CODEN: 39GCA6.
IT **68345-72-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and condensation of, with ribose derivative)
RN 68345-72-2 CAPLUS
CN 4-Pteridinamine, 2-(methylthio)-N-(trimethylsilyl)-7-[(trimethylsilyl)oxy]- (9CI) (CA INDEX NAME)



=> d 31-45 cbib pi fhitstr

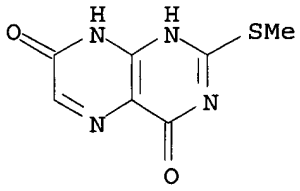
L11 ANSWER 31 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1979:474565 Document No. 91:74565 Pteridines. LXVII. Synthesis and properties of mono-, di-, and trithio derivatives of 7-hydroxy-1,3-dimethyllumazine. Kazimierczuk, Zygmunt; Pfleiderer, Wolfgang (Fachber. Chem., Univ. Konstanz, Konstanz, D-7750, Fed. Rep. Ger.). Chemische Berichte, 112(5), 1499-513 (German) 1979. CODEN: CHBEAM. ISSN:

0009-2940. OTHER SOURCES: CASREACT 91:74565.

IT **70674-05-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 70674-05-4 CAPLUS

CN 4,7(3H,8H)-Pteridinedione, 2-(methylthio)- (9CI) (CA INDEX NAME)



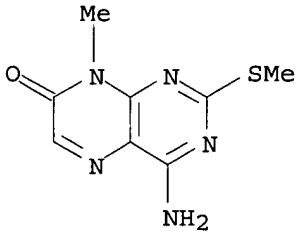
L11 ANSWER 32 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN

1979:457387 Document No. 91:57387 Synthesis and properties of new pteridine nucleosides. Kiriasis, Leonidas; Pfleiderer, Wolfgang (Fachber. Chem., Univ. Konstanz, Konstanz, D-7750, Fed. Rep. Ger.). Developments in Biochemistry, Volume Date 1978, 4(Chem. Biol. Pteridines), 49-53 (English) 1979. CODEN: DEBIDR. ISSN: 0165-1714.

IT **70805-40-2**
RL: RCT (Reactant); RACT (Reactant or reagent)
(oxidation or reaction of, with amines)

RN 70805-40-2 CAPLUS

CN 7(8H)-Pteridinone, 4-amino-8-methyl-2-(methylthio)- (9CI) (CA INDEX NAME)



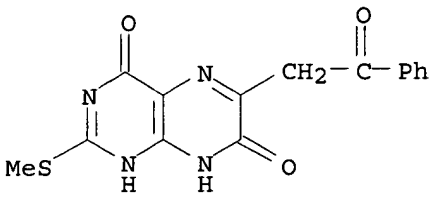
L11 ANSWER 33 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN

1986:129857 Document No. 104:129857 Synthesis and structure of 6- and 7-(acylmethyl)pteridines. Abdel-Hady, Sayed A. L.; Badawy, Mohamed A.; Mosselhi, Mosselhi A. N.; Ibrahim, Yehia A. (Fac. Sci., Univ. Cairo, Giza, Egypt). Journal of Heterocyclic Chemistry, 22(3), 801-3 (English) 1985. CODEN: JHTCAD. ISSN: 0022-152X. OTHER SOURCES: CASREACT 104:129857.

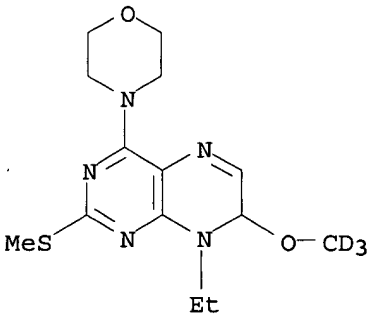
IT **101130-64-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and acid hydrolysis of)

RN 101130-64-7 CAPLUS

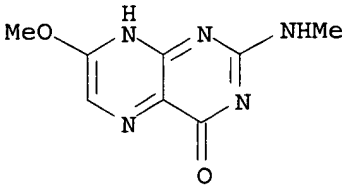
CN 4,7(1H,8H)-Pteridinedione, 2-(methylthio)-6-(2-oxo-2-phenylethyl)- (9CI) (CA INDEX NAME)



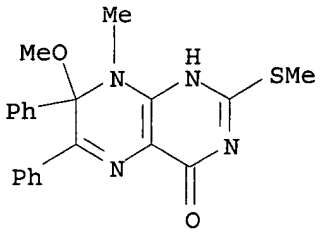
L11 ANSWER 34 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1987:597425 Document No. 107:197425 Reactions of azinium cations. 5. Addition of water and methanol to 1,4-diazinium cations in the presence of bases. Equilibrium constants and NMR spectra of mono- and diadducts. Charushin, V. N.; Kazantseva, I. V.; Ponizovskii, M. G.; Egorova, L. G.; Sidorov, E. O.; Chupakhin, O. N. (Ural. Politekh. Inst., Sverdlovsk, USSR). Khimiya Geterotsiklicheskikh Soedinenii (10), 1380-8 (Russian) 1986. CODEN: KGSSAQ. ISSN: 0453-8234. OTHER SOURCES: CASREACT 107:197425.
IT **111157-89-2P**
RL: PRP (Properties); FORM (Formation, nonpreparative); PREP (Preparation) (formation and NMR of)
RN 111157-89-2 CAPLUS
CN Pteridine, 8-ethyl-7,8-dihydro-7-(methoxy-d3)-2-(methylthio)-4-(4-morpholinyl)- (9CI) (CA INDEX NAME)



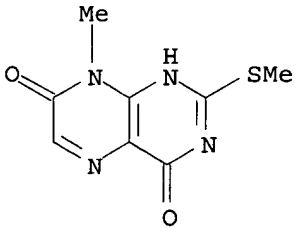
L11 ANSWER 35 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1988:112053 Document No. 108:112053 Ring transformation of pterins to guanines. Sugimoto, Takashi; Nishioka, Noriko; Murata, Shizuaki; Matsuura, Sadao (Coll. Gen. Educ., Nagoya Univ., Nagoya, 464, Japan). Heterocycles, 26(8), 2091-2 (English) 1987. CODEN: HTCYAM. ISSN: 0385-5414. OTHER SOURCES: CASREACT 108:112053.
IT **113193-96-7**
RL: RCT (Reactant); RACT (Reactant or reagent) (ring contraction of)
RN 113193-96-7 CAPLUS
CN 4(1H)-Pteridinone, 7-methoxy-2-(methylamino)- (9CI) (CA INDEX NAME)



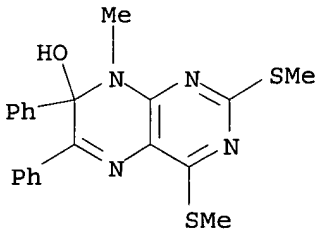
L11 ANSWER 36 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1989:192508 Document No. 110:192508 Pteridines. Part LXXXVII. Synthesis and properties of 8-substituted 2-thiolumazines. Huebsch, Walter; Pfleiderer, Wolfgang (Fak. Chem., Univ. Konstanz, Konstanz, D-7750, Fed. Rep. Ger.). Helvetica Chimica Acta, 71(6), 1379-91 (English) 1988. CODEN: HCACAV. ISSN: 0018-019X. OTHER SOURCES: CASREACT 110:192508.
IT **120270-35-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 120270-35-1 CAPLUS
CN 4(1H)-Pteridinone, 7,8-dihydro-7-methoxy-8-methyl-2-(methylthio)-6,7-diphenyl- (9CI) (CA INDEX NAME)



L11 ANSWER 37 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1990:119303 Document No. 112:119303 Nucleosides. XLV. Synthesis of 8-β-D-ribofuranosylleukopterin. Kiriasis, Leonidas; Pfleiderer, Wolfgang (Fak. Chem., Univ. Konstanz, Konstanz, D-7750, Fed. Rep. Ger.). Nucleosides & Nucleotides, 8(7), 1345-58 (German) 1989. CODEN: NUNUD5. ISSN: 0732-8311. OTHER SOURCES: CASREACT 112:119303.
IT **125322-69-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and benzylation of)
RN 125322-69-2 CAPLUS
CN 4,7(1H,8H)-Pteridinedione, 8-methyl-2-(methylthio)- (9CI) (CA INDEX NAME)

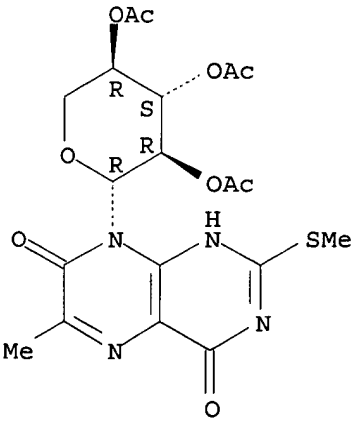


L11 ANSWER 38 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1990:55417 Document No. 112:55417 Pteridines. Part XLII. Synthesis and properties of 8-substituted 2,4-dithiolumazines. Huebsch, Walter; Jibril, Ibrahim; Huttner, Gottfried; Pfleiderer, Wolfgang (Fak. Chem., Univ. Konstanz, Konstanz, D-7750, Fed. Rep. Ger.). Helvetica Chimica Acta, 72(4), 744-55 (English) 1989. CODEN: HCACAV. ISSN: 0018-019X. OTHER SOURCES: CASREACT 112:55417.
IT **124831-68-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and methylation of)
RN 124831-68-1 CAPLUS
CN 7-Pteridinol, 7,8-dihydro-8-methyl-2,4-bis(methylthio)-6,7-diphenyl- (9CI) (CA INDEX NAME)



L11 ANSWER 39 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1992:59872 Document No. 116:59872 Synthesis and properties of pyrimido[4,5-b][1,4]oxazin-7-one derivatives. A novel heterocyclic system. Melguizo, Manuel; Nogueras, Manuel; Sanchez, Adolfo (Dep. Quim. Org., Fac. Cienc. Exp. Jaen, Jaen, 23071, Spain). Heterocycles, 32(9), 1719-28 (English) 1991. CODEN: HTCYAM. ISSN: 0385-5414. OTHER SOURCES: CASREACT 116:59872.
IT **138612-33-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 138612-33-6 CAPLUS
CN 4,7(1H,8H)-Pteridinedione, 6-methyl-2-(methylthio)-8-(2,3,4-tri-O-acetyl-β-D-xylopyranosyl)- (9CI) (CA INDEX NAME)

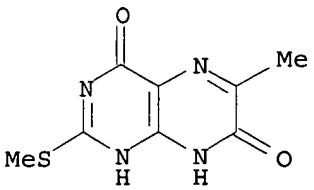
Absolute stereochemistry.



L11 ANSWER 40 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1996:170748 Document No. 124:261618 Preparation of pteridine nucleotide analogs as fluorescent DNA probes.. Hawkins, Mary E.; Pfleiderer, Wolfgang; Davis, Michael Dean; Balis, Frank (United States Dept. of Health and Human Services, USA). PCT Int. Appl. WO 9531469 A1 19951123, 103 pp. DESIGNATED STATES: W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1995-US5264 19950425. PRIORITY: US 1994-245923 19940518.

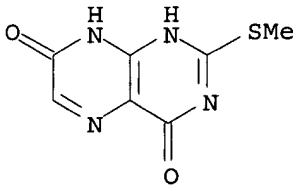
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9531469	A1	19951123	WO 1995-US5264	19950425
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5525711	A	19960611	US 1994-245923	19940518
CA 2190588	AA	19951123	CA 1995-2190588	19950425
CA 2190588	C	20030318		
AU 9523991	A1	19951205	AU 1995-23991	19950425
AU 688036	B2	19980305		
EP 759927	A1	19970305	EP 1995-917197	19950425
EP 759927	B1	19980624		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 10500949	T2	19980127	JP 1995-529675	19950425
AT 167680	E	19980715	AT 1995-917197	19950425
ES 2118593	T3	19980916	ES 1995-917197	19950425
US 5612468	A	19970318	US 1995-451641	19950526

IT **138612-37-0P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of pteridine nucleotide analogs as fluorescent DNA probes)
RN 138612-37-0 CAPLUS
CN 4,7(1H,8H)-Pteridinedione, 6-methyl-2-(methylthio)- (9CI) (CA INDEX NAME)

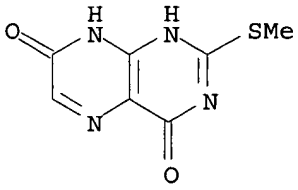


L11 ANSWER 41 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1996:94212 Document No. 124:261581 Synthesis of new pteridine nucleosides and nucleotides. Melguizo, Manuel; Gottlieb, Margarete; Pfleiderer, Wolfgang (Fakultat Chemie, Univ. Konstanz, Konstanz, D-78434, Germany). Pteridines, 6(3), 85-6 (English) 1995. CODEN: PTRDEO. ISSN: 0933-4807. Publisher: International Society of Pteridinology.

IT **70674-05-4**
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis of fluorescent pteridine nucleosides and nucleotides as building block for oligodeoxyribonucleotides synthesis)
RN 70674-05-4 CAPLUS
CN 4,7(3H,8H)-Pteridinedione, 2-(methylthio)- (9CI) (CA INDEX NAME)

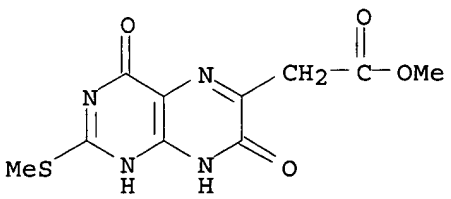


L11 ANSWER 42 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1997:27921 Document No. 126:131738 Syntheses of 8-(β-D-2-deoxyribofuranosyl)-isoxanthopterin. Lehbauer, J.; Pfleiderer, W. (Fakultat Chemie, Univ. Konstanz, Konstanz, Germany). Pteridines, 7(3), 101-102 (English) 1996. CODEN: PTRDEO. ISSN: 0933-4807. Publisher: International Society of Pteridinology.
IT **70674-05-4**
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of 8-(β-D-2-deoxyribofuranosyl)-isoxanthopterin)
RN 70674-05-4 CAPLUS
CN 4,7(3H,8H)-Pteridinedione, 2-(methylthio)- (9CI) (CA INDEX NAME)

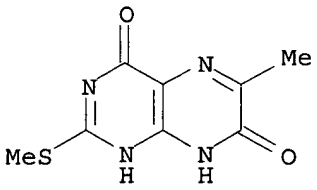


L11 ANSWER 43 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1998:224558 Document No. 128:289792 Synthesis and antiviral activity of several 6-(methylenecarbomethoxy)pteridin-4,7(3H,8H)-diones. Molina, S.; Cobo, J.; Melguizo, M.; Nogueras, M.; Sanchez, A.; Ortiz, A.; De Clercq, E. (Dept. Quimica Inorganica y Organica. Facultad de Ciencias Experimentales, Universidad de Jaen, Jaen, E-23071, Spain). Chemistry and Biology of Pteridines and Folates 1997, Proceedings of the International Symposium on Pteridines and Folates, 11th, Berchtesgaden, Germany, June 15-20, 1997, 57-60. Editor(s): Pfleiderer, Wolfgang; Rokos, Hartmut. Blackwell Wissenschafts-Verlag GmbH: Berlin, Germany. (English) 1997. CODEN: 65VBAF.
IT **206196-06-7P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(synthesis and antiviral activity of several (methylenecarbomethoxy)pteridin-4,7(3H,8H)-diones)
RN 206196-06-7 CAPLUS
CN 6-Pteridineacetic acid, 1,4,7,8-tetrahydro-2-(methylthio)-4,7-dioxo-,

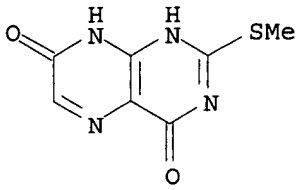
methyl ester (9CI) (CA INDEX NAME)



L11 ANSWER 44 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1997:757939 Document No. 128:61743 Pteridine nucleosides - new versatile building blocks in oligonucleotide synthesis. Charubala, Ramamurthy; Maurinsh, Juris; Rosler, Angelika; Melguizo, Manuel; Jungmann, Oliver; Gottlieb, Margarete; Lehbauer, Jorg; Hawkins, Mary; Pfleiderer, Wolfgang (Fakultat fur Chemie, Universitat Konstanz, D-78434, Germany). Nucleosides & Nucleotides, 16(7-9), 1369-1378 (English) 1997. CODEN: NUNUD5. ISSN: 0732-8311. Publisher: Marcel Dekker, Inc..
IT **138612-37-0**
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of pteridine nucleosides a new versatile building blocks in oligonucleotide synthesis)
RN 138612-37-0 CAPLUS
CN 4,7(1H,8H)-Pteridinedione, 6-methyl-2-(methylthio)- (9CI) (CA INDEX NAME)

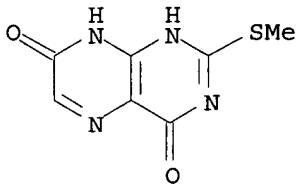


L11 ANSWER 45 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1997:592564 Document No. 127:262968 Synthesis of 8-(2-deoxy-β-D-ribofuranosyl)-isoxanthopterins new fluorescent analogs of 2'-deoxyguanosine. Lehbauer, Jorg; Pfleiderer, Wolfgang (Fakultat Chemie, Univ. Konstanz, Konstanz, D-78434, Germany). Nucleosides & Nucleotides, 16(5 & 6), 869-874 (English) 1997. CODEN: NUNUD5. ISSN: 0732-8311. Publisher: Dekker.
IT **70674-05-4**
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of deoxyribofuranosylisoxanthopterins as a new fluorescent analogs of deoxyguanosine)
RN 70674-05-4 CAPLUS
CN 4,7(3H,8H)-Pteridinedione, 2-(methylthio)- (9CI) (CA INDEX NAME)

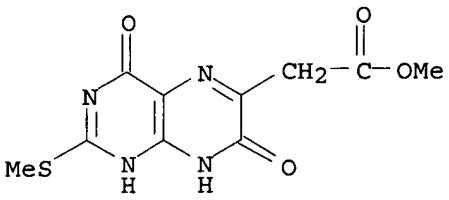


=> d 46-60 cbib pi fhitstr

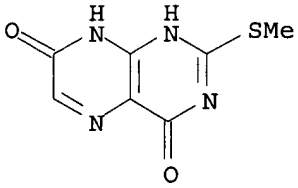
L11 ANSWER 46 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1998:192807 Document No. 128:257643 Nucleosides. LXII. Synthesis of 6-methyl-8-(2-deoxy-β-D-ribofuranosyl)isoxanthopterin and derivatives. Melguizo, M.; Gottlieb, M.; Charubala, R.; Pfleiderer, W. (Fakultat Chem., Univ. Konstanz, Konstanz, D-78434, Germany). Nucleosides & Nucleotides, 17(1-3), 175-186 (English) 1998. CODEN: NUNUD5. ISSN: 0732-8311. Publisher: Marcel Dekker, Inc..
IT **70674-05-4**
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of methyl(deoxyribofuranosyl)isoxanthopterin and derivs.)
RN 70674-05-4 CAPLUS
CN 4,7(3H,8H)-Pteridinedione, 2-(methylthio)- (9CI) (CA INDEX NAME)



L11 ANSWER 47 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
1999:328989 Document No. 131:87892 Synthesis and antiviral evaluation of several 6-(carbomethoxymethyl)pteridine-4,7(3H,8H)-diones. Molina, S.; Cobo, J.; Sanchez, A.; Nogueras, M.; De Clercq, E. (Departamento de Quimica Inorganica y Organica, Universidad de Jaen, Jaen, 23071, Spain). Journal of Heterocyclic Chemistry, 36(2), 435-440 (English) 1999. CODEN: JHTCAD. ISSN: 0022-152X. Publisher: HeteroCorporation.
IT **206196-06-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 206196-06-7 CAPLUS
CN 6-Pteridineacetic acid, 1,4,7,8-tetrahydro-2-(methylthio)-4,7-dioxo-, methyl ester (9CI) (CA INDEX NAME)



L11 ANSWER 48 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
2001:735150 Document No. 136:216994 Nucleotides. Part LXIX. Synthesis of phosphoramidite building blocks of isoxanthopterin N8-(2'-deoxy-β-D-ribonucleosides): new fluorescence markers for oligonucleotide synthesis. Lehbauer, Jorg; Pfleiderer, Wolfgang (Universitat Konstanz, Fakultat fur Chemie, Konstanz, D-78434, Germany). Helvetica Chimica Acta, 84(8), 2330-2342 (English) 2001. CODEN: HCACAV. ISSN: 0018-019X. OTHER SOURCES: CASREACT 136:216994. Publisher: Verlag Helvetica Chimica Acta.
IT **70674-05-4**
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of isoxanthopterin derivs. as fluorescence markers for oligodeoxynucleotide synthesis)
RN 70674-05-4 CAPLUS
CN 4,7(3H,8H)-Pteridinedione, 2-(methylthio)- (9CI) (CA INDEX NAME)



L11 ANSWER 49 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
2001:636073 Document No. 135:211056 Preparation of pteridine compounds for the treatment of psoriasis. Bonnert, Roger; Gardiner, Stewart; Hunt, Fraser; Walters, Iain (Astrazeneca AB, Swed.). PCT Int. Appl. WO 2001062758 A1 20010830, 69 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-SE374 20010220. PRIORITY: GB 2000-4128 20000223.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001062758	A1	20010830	WO 2001-SE374	20010220

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

GB 2359551	A1	20010829	GB 2000-4128	20000223
CA 2400217	AA	20010830	CA 2001-2400217	20010220
BR 2001008600	A	20021112	BR 2001-8600	20010220
EP 1259512	A1	20021127	EP 2001-906493	20010220
EP 1259512	B1	20030924		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

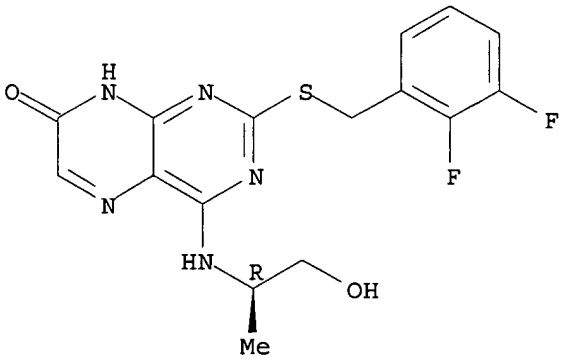
JP 2003524012	T2	20030812	JP 2001-562540	20010220
AT 250605	E	20031015	AT 2001-906493	20010220
EE 200200461	A	20031215	EE 2002-461	20010220
PT 1259512	T	20040227	PT 2001-906493	20010220
ES 2206402	T3	20040516	ES 2001-1906493	20010220
NZ 520355	A	20050128	NZ 2001-520355	20010220
AU 782509	B2	20050804	AU 2001-34316	20010220
BG 107002	A	20030430	BG 2002-1070	20020814
ZA 2002006590	A	20031117	ZA 2002-6590	20020816
NO 2002004005	A	20021022	NO 2002-4005	20020822
US 2003055250	A1	20030320	US 2002-204814	20020822
US 6875868	B2	20050405		
HK 1050899	A1	20040402	HK 2003-103155	20030502
US 2005171345	A1	20050804	US 2004-891833	20040715

IT **357612-06-7P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of pteridine compds. for the treatment of psoriasis)

RN 357612-06-7 CAPLUS

CN 7(1H)-Pteridinone, 2-[[(2,3-difluorophenyl)methyl]thio]-4-[[(1R)-2-hydroxy-1-methylethyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 50 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN

2002:814150 Document No. 137:325430 Preparation of thiazolopyrimidines as modulators of chemokine receptor activity. Bonnert, Roger (Astrazeneca AB, Swed.). PCT Int. Appl. WO 2002083693 A1 20021024, 32 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD,

SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2002-SE731 20020412. PRIORITY: SE 2001-1322 20010412.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002083693	A1	20021024	WO 2002-SE731	20020412
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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	EP 1385854	A1	20040204	EP 2002-724837	20020412
	EP 1385854	B1	20050209		
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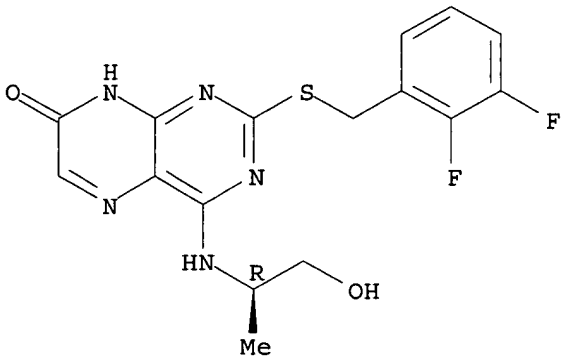
	JP 2004525972	T2	20040826	JP 2002-581448	20020412
	AT 288919	E	20050215	AT 2002-724837	20020412
	US 2004157853	A1	20040812	US 2003-474610	20031009
	US 6949643	B2	20050927		

IT **357612-06-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of thiazolopyrimidines as modulators of chemokine receptor activity)

RN 357612-06-7 CAPLUS

CN 7(1H)-Pteridinone, 2-[[(2,3-difluorophenyl)methyl]thio]-4-[[(1R)-2-hydroxy-1-methylethyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 51 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN

2002:754389 Document No. 137:263070 Pteridines and pyrido[3,4-b]pyrazines as kinase inhibitors for the treatment of hyperproliferative diseases. Bondinell, William E.; Holt, Dennis A.; Lago, Maria Amparo; Neeb, Michael J.; Semones, Marcus A. (Smithkline Beecham Corporation, USA). PCT Int. Appl. WO 2002076985 A1 20021003, 32 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ,

DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2002-US8915 20020322. PRIORITY: US 2001-2001/PV278091 20010323.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002076985	A1	20021003	WO 2002-US8915	20020322

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

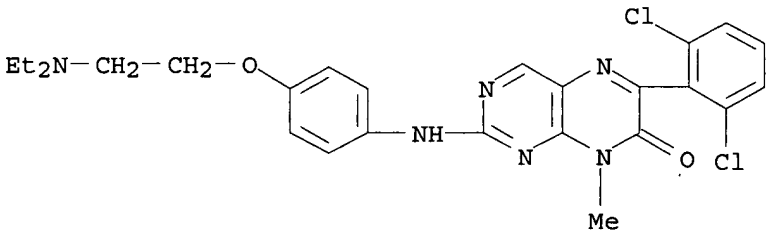
IT **330550-36-2P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(pteridines and pyrido[3,4-b]pyrazines useful as kinase inhibitors for the treatment of hyperproliferative diseases)

RN 330550-36-2 CAPLUS

CN 7(8H)-Pteridinone, 6-(2,6-dichlorophenyl)-2-[[4-[2-(diethylamino)ethoxy]phenyl]amino]-8-methyl- (9CI) (CA INDEX NAME)



L11 ANSWER 52 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN

2002:754362 Document No. 137:263069 Preparation of pteridinones and pyrido[3,4-b]pyrazinones as kinase inhibitors for the treatment of hyperproliferative diseases. Bondinell, William E.; Holt, Dennis A.; Lago, Maria Amparo; Neeb, Michael J.; Semones, Marcus A. (Smithkline Beecham Corporation, USA). PCT Int. Appl. WO 2002076954 A1 20021003, 37 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2002-US9022 20020322. PRIORITY: US 2001-2001/PV278119 20010323.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002076954	A1	20021003	WO 2002-US9022	20020322

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

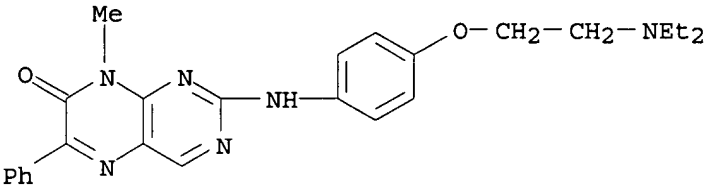
IT **330550-35-1P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pteridinones and pyrido[3,4-b]pyrazinones as kinase inhibitors for the treatment of hyperproliferative diseases)

RN 330550-35-1 CAPLUS

CN 7(8H)-Pteridinone, 2-[[4-[2-(diethylamino)ethoxy]phenyl]amino]-8-methyl-6-phenyl- (9CI) (CA INDEX NAME)



L11 ANSWER 53 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN

2003:892793 Document No. 139:365176 Preparation of nucleoside derivatives for treating hepatitis C virus infection. Roberts, Christopher Don; Dyatkina, Natalia B.; Keicher, Jesse D.; Liehr, Sebastian Johannes Reinhard; Hanson, Eric Jason (Genelabs Technologies, Inc., USA). PCT Int. Appl. WO 2003093290 A2 20031113, 182 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2003-US14237 20030506. PRIORITY: US 2002-PV378624 20020506; US 2002-PV392871 20020628.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003093290	A2	20031113	WO 2003-US14237	20030506
	WO 2003093290	A3	20040318		
	WO 2003093290	C1	20050519		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

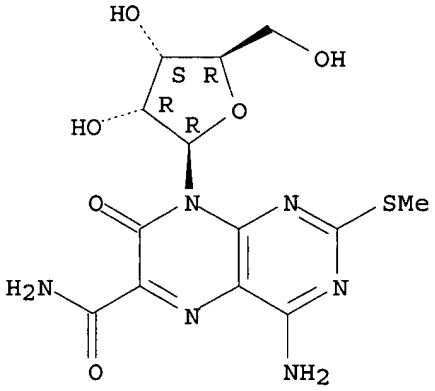
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,

KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2484921	AA	20031113	CA 2003-2484921	20030506
US 2004063658	A1	20040401	US 2003-431631	20030506
EP 1501850	A2	20050202	EP 2003-747674	20030506
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2003009581	A	20050329	BR 2003-9581	20030506
JP 2005530759	T2	20051013	JP 2004-501429	20030506
NO 2004005247	A	20041130	NO 2004-5247	20041130

IT **622381-31-1P**
RL: IMF (Industrial manufacture); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of nucleoside derivs. for treating hepatitis C virus infection)
RN 622381-31-1 CAPLUS
CN 6-Pteridinecarboxamide, 4-amino-7,8-dihydro-2-(methylthio)-7-oxo-8-β-D-ribofuranosyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 54 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
2003:242333 Document No. 138:271701 Preparation of pteridinones as modulators of chemokine receptor activity. Bonnert, Roger Victor; Cage, Peter Alan; Hunt, Simon Frazer; Walters, Iain Alastair Stewart; Austin, Rupert Philip (Astrazeneca AB, Swed.; Astrazeneca UK Limited). PCT Int. Appl. WO 2003024966 A1 20030327, 58 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2002-GB3684 20020809. PRIORITY: SE 2001-2716 20010814.

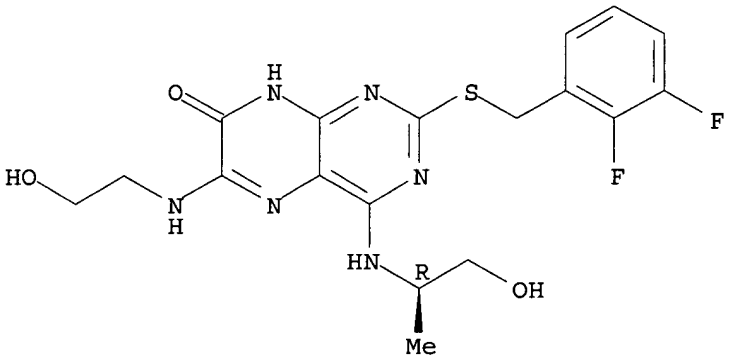
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003024966	A1	20030327	WO 2002-GB3684	20020809
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1419158	A1	20040519	EP 2002-749129	20020809
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
JP 2005507390	T2	20050317	JP 2003-528813	20020809
US 2005010047	A1	20050113	US 2004-486503	20040908

IT **503271-32-7P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pteridinones as modulators of chemokine receptor activity)
RN 503271-32-7 CAPLUS
CN 7(1H)-Pteridinone, 2-[[(2,3-difluorophenyl)methyl]thio]-6-[(2-hydroxyethyl)amino]-4-[[(1R)-2-hydroxy-1-methylethyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

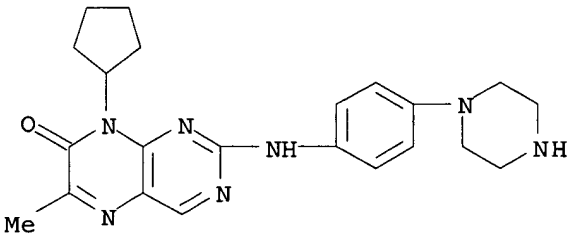


L11 ANSWER 55 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
2004:633921 Document No. 141:174079 Preparation of 2-aminopyridines as cdk4 inhibitors. Biwersi, Cathlin Marie; Mcnamara, Dennis Joseph; Repine, Joseph Thomas; Toogood, Peter Laurence; Vanderwel, Scott Norman; Warmus, Joseph Scott (Warner-Lambert Company Llc, USA). PCT Int. Appl. WO 2004065378 A1 20040805, 89 pp. DESIGNATED STATES: W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GH, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ. (English). CODEN: PIXXD2. APPLICATION: WO 2004-IB91 20040109. PRIORITY: US 2003-2003/PV440805 20030117.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004065378	A1	20040805	WO 2004-IB91	20040109
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ				

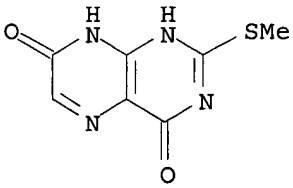
CA 2512646 AA 20040805 CA 2004-2512646 20040109
EP 1590341 A1 20051102 EP 2004-701058 20040109
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
US 2004236084 A1 20041125 US 2004-759749 20040116

IT **733038-96-5**
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(cdk4 inhibitor; preparation of 2-aminopyridines as cdk4 inhibitors for treating cell proliferative disorders)
RN 733038-96-5 CAPLUS
CN 7(8H)-Pteridinone, 8-cyclopentyl-6-methyl-2-[[4-(1-piperazinyl)phenyl]amino]- (9CI) (CA INDEX NAME)



L11 ANSWER 56 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
2004:205978 Document No. 142:74366 Product class 21: pteridines and related structures. Ishikawa, T. (Germany). Science of Synthesis, 16, 1291-1335 (English) 2004. CODEN: SSCYJ9. Publisher: Georg Thieme Verlag.

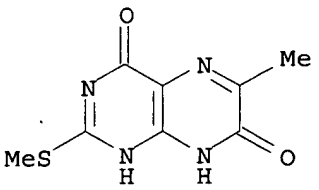
IT **70674-05-4**
RL: RCT (Reactant); RACT (Reactant or reagent)
(review of preparation of pteridines via cyclization, ring transformation and substituent modification)
RN 70674-05-4 CAPLUS
CN 4,7(3H,8H)-Pteridinedione, 2-(methylthio)- (9CI) (CA INDEX NAME)



L11 ANSWER 57 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
2004:131617 Document No. 141:38794 Nucleosides. LXV. Synthesis of New Pteridine-N8-Nucleosides. Matysiak, Stefan; Waldscheck, Bernhard; Pfleiderer, Wolfgang (Fachbereich Chemie, Universitaet Konstanz, Konstanz, Germany). Nucleosides, Nucleotides & Nucleic Acids, 23(1 & 2), 51-66 (English) 2004. CODEN: NNNAFY. ISSN: 1525-7770. OTHER SOURCES: CASREACT 141:38794. Publisher: Marcel Dekker, Inc..

IT **138612-37-0**
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis of pteridine nucleosides starting from 6-methyl-2-methylthio-4(3H),7(8H)-pterdinedione via ribosylation, amide protection, Mitsunobu reaction and nucleophilic displacement)
RN 138612-37-0 CAPLUS

CN 4,7(1H,8H)-Pteridinedione, 6-methyl-2-(methylthio)- (9CI) (CA INDEX NAME)



L11 ANSWER 58 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
2005:324167 Document No. 142:392432 Preparation of new 2-substituted-4-aminothiazolo[4,5-d]pyrimidines and pteridinones useful as CX3CR1 chemokine receptor antagonists. Nordvall, Gunnar; Rein, Tobias; Sohn, Daniel; Zemribo, Ronald (Astrazeneca AB, Swed.). PCT Int. Appl. WO 2005033115 A1 20050414, 71 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2004-SE1421 20041005. PRIORITY: SE 2003-2666 20031007; SE 2003-2667 20031007.

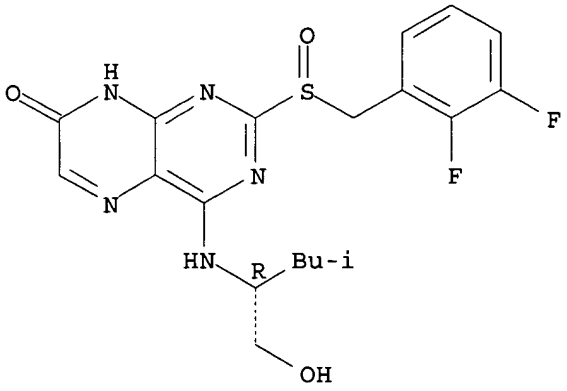
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005033115	A1	20050414	WO 2004-SE1421	20041005

PI W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

IT **849943-08-4P**, 2-[(2,3-Difluorobenzyl)sulfinyl]-4-[[(1R)-1-(hydroxymethyl)-3-methylbutyl]amino]pteridin-7(8H)-one
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of new 2-substituted-4-amino-thiazolo[4,5-d]pyrimidines useful as CX3CR1 chemokine receptor antagonists)

RN 849943-08-4 CAPLUS
CN 7(1H)-Pteridinone, 2-[[(2,3-difluorophenyl)methyl]sulfinyl]-4-[[(1R)-1-(hydroxymethyl)-3-methylbutyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



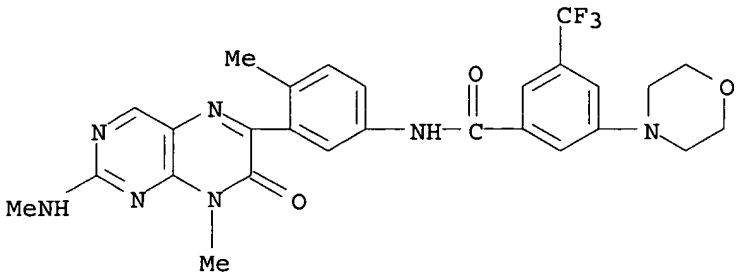
L11 ANSWER 59 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
2006:13327 Document No. 144:108358 Preparation of N-[3-(2-amino-7-oxo-7,8-dihydropteridin-6-yl)phenyl] benzamides as protein kinase inhibitors. Ren, Pingda; Wang, Xia; Gray, Nathanael Schiander; Liu, Yi; Sim, Taebo (Irm LLC, Bermuda). PCT Int. Appl. WO 2006002367 A1 20060105, 53 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2005-US22463 20050623. PRIORITY: US 2004-2004/PV58246U 20040623; US 2004-2004/PV588563 20040715.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2006002367	A1	20060105	WO 2005-US22463	20050623

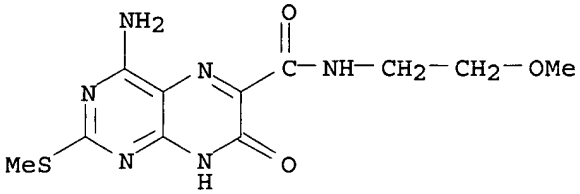
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

IT **872855-86-2P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-[3-(2-amino-7-oxo-7,8-dihydropteridin-6-yl)phenyl] benzamides as protein kinase inhibitors)
RN 872855-86-2 CAPLUS
CN Benzamide, N-[3-[7,8-dihydro-8-methyl-2-(methylamino)-7-oxo-6-pteridinyl]-4-methylphenyl]-3-(4-morpholinyl)-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)

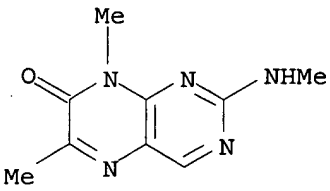


L11 ANSWER 60 OF 69 CAOLD COPYRIGHT 2006 ACS on STN
CA65:12204g pteridinecarboxamide diuretics - (I) reaction of 4,6-diamino-5-nitrosopyrimidines with substituted malonamides. Osdene, Thomas S.; Santilli, A. A.; McCardle, L. E.; Rosenthale, M. E.
IT **10570-14-6**
RN 10570-14-6 CAOLD
CN 6-Pteridinecarboxamide, 4-amino-7-hydroxy-N-(2-methoxyethyl)-2-(methylthio)- (7CI, 8CI) (CA INDEX NAME)



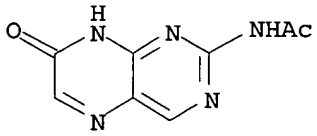
=> d 61-69 cbib pi fhitstr

L11 ANSWER 61 OF 69 CAOLD COPYRIGHT 2006 ACS on STN
CA65:2260c pteridine studies - (XXXI) covalent hydration and subsequent oxidn. of 8-methyl derivs. of some amino- and hydroxypteridines. Jacobsen, N. W.
IT **6743-28-8**
RN 6743-28-8 CAOLD
CN 7(8H)-Pteridinone, 6,8-dimethyl-2-(methylamino)- (7CI, 8CI) (CA INDEX NAME)

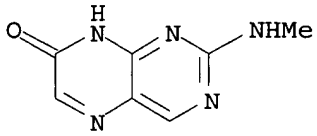


L11 ANSWER 62 OF 69 CAOLD COPYRIGHT 2006 ACS on STN
CA64:12775g pteridines - (XXX) synthesis of 2-amino- and 2-dimethylamino-7-(2,3,4,6-tetrao-O-acetyl-β-D-glucopyranosyloxy)pteridine. Pfleiderer, Wolfgang; Reisser, F.
synthesis of purine nucleosides of D-galactose and D-galacturonic acid

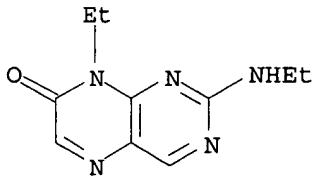
derivs.. Pagnucco, Rinaldo G.
IT **6666-07-5**
RN 6666-07-5 CAOLD
CN 7(8H)-Pteridinone, 2-acetamido- (7CI, 8CI) (CA INDEX NAME)



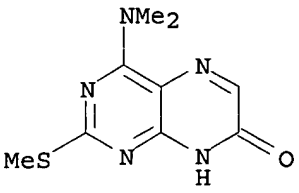
L11 ANSWER 63 OF 69 CAOLD COPYRIGHT 2006 ACS on STN
CA63:5647b pyrimidine reactions - (X) methylation of triaminopyrimidines-conversion of the resulting imines into pteridines. Brown, Desmond J.; Jacobsen, N. W.
synthesis of 2-amino-4-hydroxy-6-(D-erythro-1,2,3-trihydroxypropyl)pteridine-10-14c 3'-phosphate, and its metabolism in Drosophila melanogaster. Goto, Miki; Okada, T.; Forrest, H. S.
IT **1980-00-3**
RN 1980-00-3 CAOLD
CN 7(1H)-Pteridinone, 2-(methylamino)- (9CI) (CA INDEX NAME)



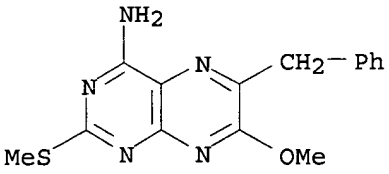
L11 ANSWER 64 OF 69 CAOLD COPYRIGHT 2006 ACS on STN
CA62:16245b synthesis and properties of 5,6- and 5,8-dihydropteridine isomers. Taylor, Edward C.; Thompson, M. J.; Pfleiderer, W.
IT **1471-82-5**
RN 1471-82-5 CAOLD
CN 7(8H)-Pteridinone, 8-ethyl-2-(ethylamino)- (6CI, 7CI, 8CI) (CA INDEX NAME)



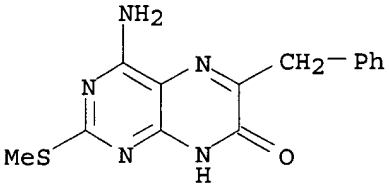
L11 ANSWER 65 OF 69 CAOLD COPYRIGHT 2006 ACS on STN
CA60:5487h pteridines - (XXVIII) synthesis and structure of 4-amino-6-hydroxy- and 4-amino-7-hydroxypteridines. Soell, Dieter; Pfleiderer, W.
IT **52222-41-0**
RN 52222-41-0 CAOLD
CN 7(1H)-Pteridinone, 4-(dimethylamino)-2-(methylthio)- (9CI) (CA INDEX NAME)



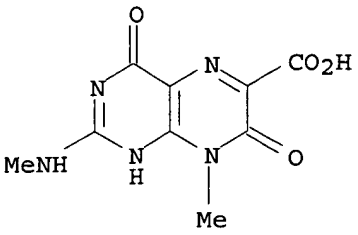
L11 ANSWER 66 OF 69 CAOLD COPYRIGHT 2006 ACS on STN
CA58:5677a pyridazine derivs. - (I) synthesis and antimicrobial activity of 6-substituted 3-aminopyridazine and its sulfonamido derivs.. Horie, Tatsuya; Kinjo, K.; Ueda, T.
IT **92578-16-0**
RN 92578-16-0 CAOLD
CN Pteridine, 4-amino-6-benzyl-7-methoxy-2-(methylthio)- (7CI) (CA INDEX NAME)



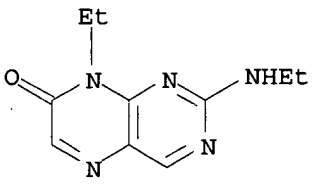
L11 ANSWER 67 OF 69 CAOLD COPYRIGHT 2006 ACS on STN
CA58:5676f synthesis of pteridines from 4,5-diaminopyrimidines and aromatic α-oxo acids - (III) synthesis of some thiopteridines, (IV) alkylation of some thiopteridines. Baranov, S. N.; Gorizdra, T. E.
IT **92193-66-3**
RN 92193-66-3 CAOLD
CN 7-Pteridinol, 4-amino-6-benzyl-2-(methylthio)- (7CI) (CA INDEX NAME)



L11 ANSWER 68 OF 69 CAOLD COPYRIGHT 2006 ACS on STN
CA57:5917i pteridines - (VII) methylation studies (2) 8-Me derivs.. Angier, Robert B.; Curran, W. V.
IT **90435-83-9**
RN 90435-83-9 CAOLD
CN 6-Pteridinecarboxylic acid, 3,4,7,8-tetrahydro-8-methyl-2-(methylamino)-4,7-dioxo- (7CI) (CA INDEX NAME)



L11 ANSWER 69 OF 69 CAOLD COPYRIGHT 2006 ACS on STN
CA55:551g pteridines - (XXII) 5,8-dihydropteridines by Na borohydride redn..
Pfleiderer, Wolfgang; Taylor, E. C., Jr.
IT **1471-82-5**
RN 1471-82-5 CAOLD
CN 7(8H)-Pteridinone, 8-ethyl-2-(ethylamino)- (6CI, 7CI, 8CI) (CA INDEX NAME)



=> file reg
FILE 'REGISTRY' ENTERED AT 10:40:51 ON 03 FEB 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 1 FEB 2006 HIGHEST RN 873294-13-4
DICTIONARY FILE UPDATES: 1 FEB 2006 HIGHEST RN 873294-13-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

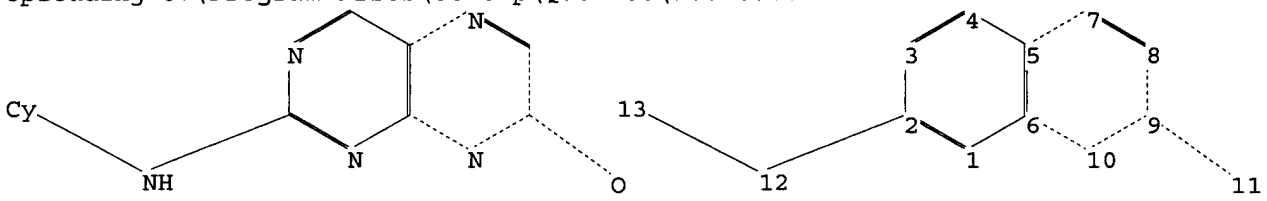
```
**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005.  A new display format, IDERL, is now     *
* available and contains the CA role and document type information.  *
*                                                                    *
**********************************************************************
```

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10070530b.str



chain nodes :
11 12 13
ring nodes :
1 2 3 4 5 6 7 8 9 10
chain bonds :
2-12 9-11 12-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10
exact/norm bonds :
2-12 5-7 6-10 7-8 8-9 9-10 9-11 12-13
normalized bonds :
1-2 1-6 2-3, 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:Atom
Generic attributes :
13:
Saturation : Unsaturated

L12 STRUCTURE UPLOADED

=> d his

(FILE 'HOME' ENTERED AT 10:29:08 ON 03 FEB 2006)

FILE 'REGISTRY' ENTERED AT 10:29:20 ON 03 FEB 2006
L1 STRUCTURE UPLOADED
L2 22 S L1
L3 STRUCTURE UPLOADED
L4 1 S L3 SAMPLE SUB=L2
L5 384 S L1 FULL
L6 12 S L3 FULL SUB=L5
L7 372 S L5 NOT L6

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     FILE 'CAOLD, CAPLUS' ENTERED AT 10:34:28 ON 03 FEB 2006
L8            70 S L7
L9             1 S WO-2001019825?/PN
L10           69 S L8 NOT L9
L11           69 SORT L10 PY

     FILE 'REGISTRY' ENTERED AT 10:40:51 ON 03 FEB 2006
L12              STRUCTURE UPLOADED

=> s l12 subset = l7 sample
SAMPLE SUBSET SEARCH INITIATED 10:41:40 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -       11 TO ITERATE

100.0% PROCESSED       11 ITERATIONS                                4 ANSWERS
SEARCH TIME: 00.00.12

PROJECTIONS (WITHIN SPECIFIED SUBSET):          ONLINE  **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):          22 TO      418
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):              4 TO      200

L13            4 SEA SUB=L7 SSS SAM L12

=> d scan

L13  4 ANSWERS   REGISTRY  COPYRIGHT 2006 ACS on STN
IN   7(8H)-Pteridinone, 2-[[3-chloro-4-[3-chloro-4-(trifluoromethyl)-1-
     pyrrolidinyl]phenyl]amino]-8-cyclopentyl- (9CI)
MF   C22 H21 Cl2 F3 N6 O
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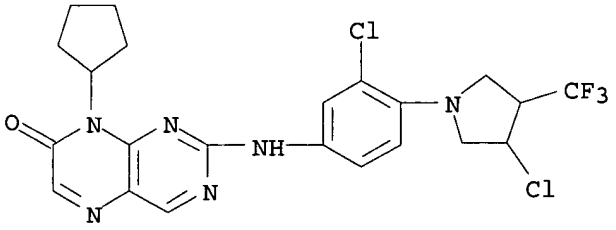


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**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l12 subset = l7 full
FULL SUBSET SEARCH INITIATED 10:42:11 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -      163 TO ITERATE

100.0% PROCESSED      163 ITERATIONS                              76 ANSWERS
SEARCH TIME: 00.00.01

L14           76 SEA SUB=L7 SSS FUL L12

=> file caplus caold; s l14; s l15 not l9
FILE 'CAPLUS' ENTERED AT 10:42:42 ON 03 FEB 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE 'CAOLD' ENTERED AT 10:42:42 ON 03 FEB 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

L15 5 L14

L16 4 L15 NOT L9

=> d 1-4 cbib pi hitstr

L16 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
2006:13327 Document No. 144:108358 Preparation of N-[3-(2-amino-7-oxo-7,8-dihydropteridin-6-yl)phenyl] benzamides as protein kinase inhibitors. Ren, Pingda; Wang, Xia; Gray, Nathanael Schiander; Liu, Yi; Sim, Taebo (Irm LLC, Bermuda). PCT Int. Appl. WO 2006002367 A1 20060105, 53 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2005-US22463 20050623. PRIORITY: US 2004-2004/PV58246U 20040623; US 2004-2004/PV588563 20040715.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2006002367	A1	20060105	WO 2005-US22463	20050623

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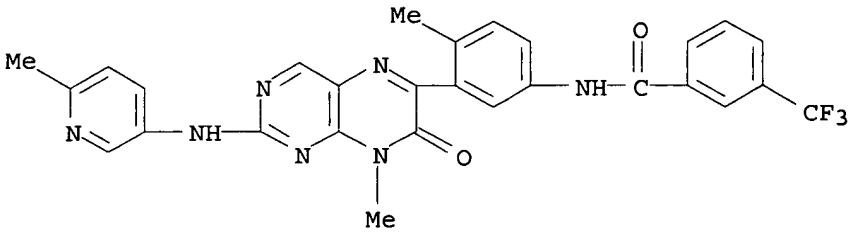
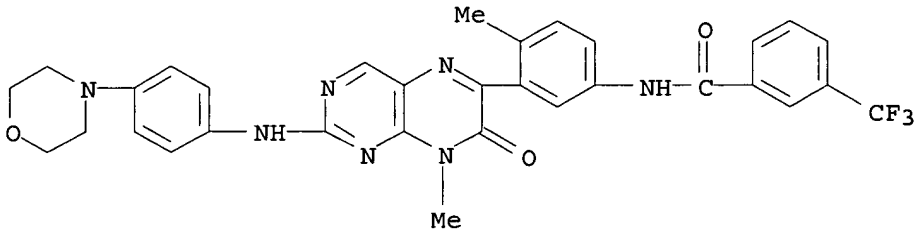
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

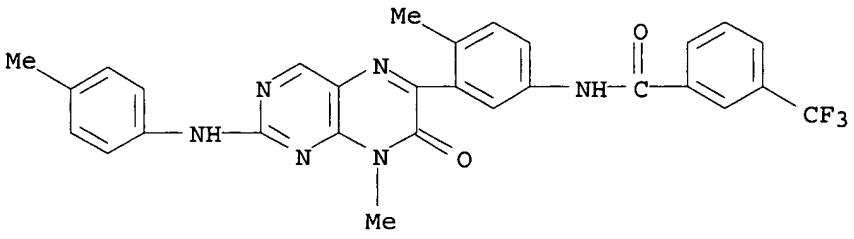
IT **872855-87-3P 872855-89-5P 872855-93-1P 872856-02-5P 872856-04-7P 872856-05-8P 872856-06-9P 872856-14-9P 872856-15-0P 872856-16-1P 872856-20-7P 872856-21-8P 872856-22-9P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-[3-(2-amino-7-oxo-7,8-dihydropteridin-6-yl)phenyl] benzamides as protein kinase inhibitors)
RN 872855-87-3 CAPLUS
CN Benzamide, N-[3-[7,8-dihydro-8-methyl-2-[(6-methyl-3-pyridinyl)amino]-7-oxo-6-pteridinyl]-4-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



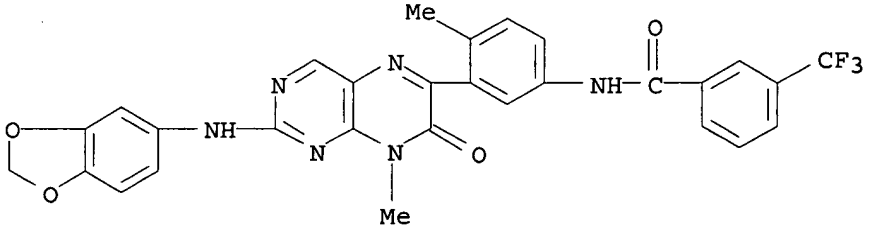
RN 872855-89-5 CAPLUS
CN Benzamide, N-[3-[7,8-dihydro-8-methyl-2-[[4-(4-morpholinyl)phenyl]amino]-7-oxo-6-pteridinyl]-4-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 872855-93-1 CAPLUS
CN Benzamide, N-[3-[7,8-dihydro-8-methyl-2-[(4-methylphenyl)amino]-7-oxo-6-pteridinyl]-4-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

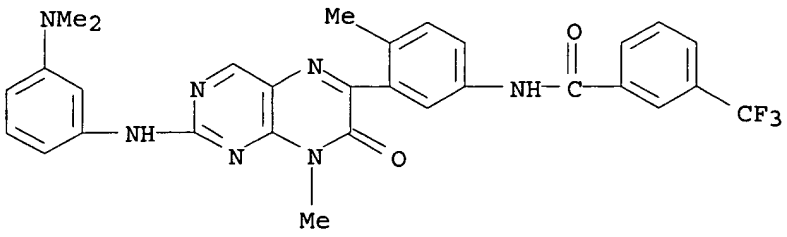


RN 872856-02-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



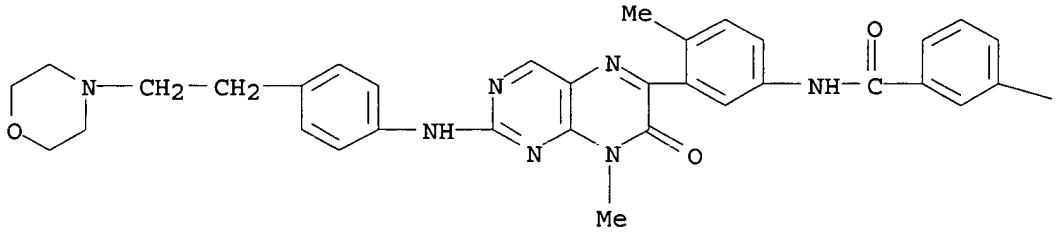
RN 872856-04-7 CAPLUS
CN Benzamide, N-[3-[2-[[3-(dimethylamino)phenyl]amino]-7,8-dihydro-8-methyl-7-oxo-6-pteridinyl]-4-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX

NAME)



RN 872856-05-8 CAPLUS
CN Benzamide, N-[3-[7,8-dihydro-8-methyl-2-[[4-[2-(4-morpholinyl)ethyl]phenyl]amino]-7-oxo-6-pteridinyl]-4-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

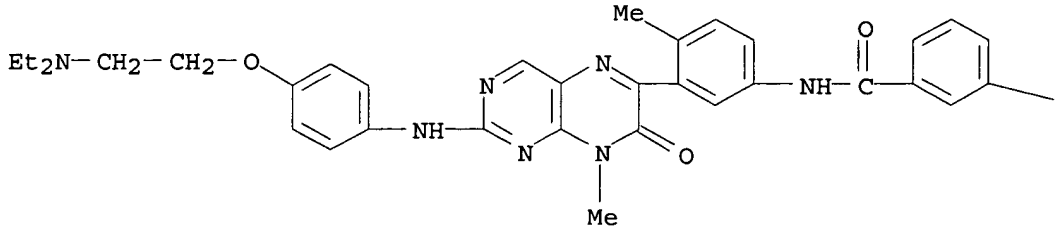
PAGE 1-A



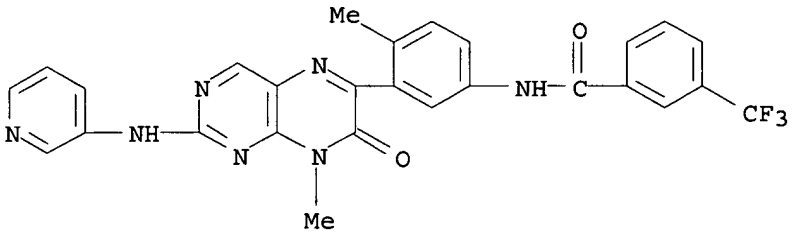
PAGE 1-B

RN 872856-06-9 CAPLUS
CN Benzamide, N-[3-[2-[[4-[2-(diethylamino)ethoxy]phenyl]amino]-7,8-dihydro-8-methyl-7-oxo-6-pteridinyl]-4-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

PAGE 1-A

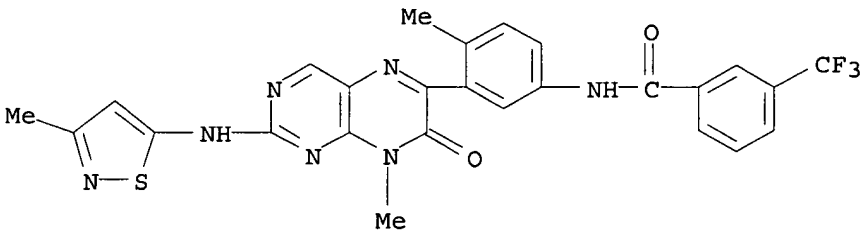


RN 872856-14-9 CAPLUS
CN Benzamide, N-[3-[7,8-dihydro-8-methyl-7-oxo-2-(3-pyridinylamino)-6-pteridinyl]-4-methylphenyl]-3-(trifluoromethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

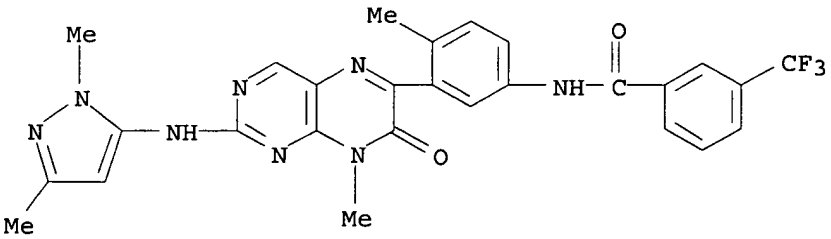


● HCl

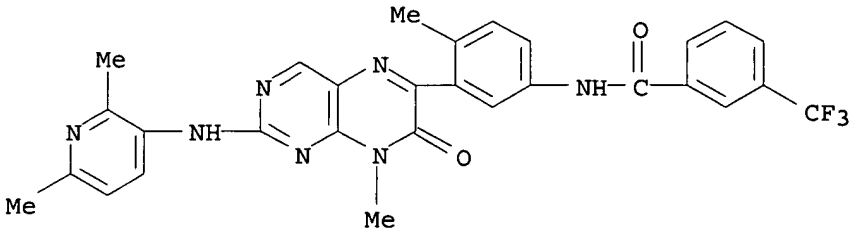
RN 872856-15-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



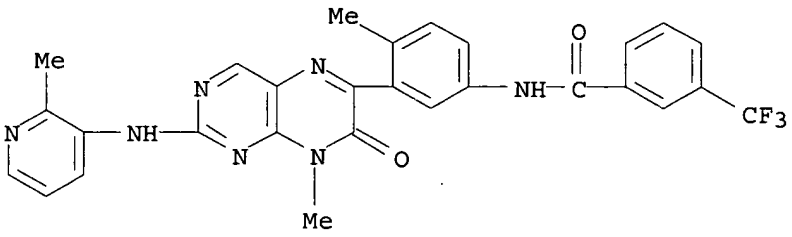
RN 872856-16-1 CAPLUS
CN Benzamide, N-[3-[2-[(1,3-dimethyl-1H-pyrazol-5-yl)amino]-7,8-dihydro-8-methyl-7-oxo-6-pteridinyl]-4-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



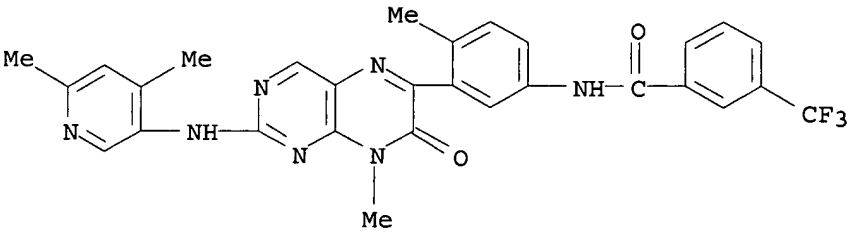
RN 872856-20-7 CAPLUS
CN Benzamide, N-[3-[2-[(2,6-dimethyl-3-pyridinyl)amino]-7,8-dihydro-8-methyl-7-oxo-6-pteridinyl]-4-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 872856-21-8 CAPLUS
CN Benzamide, N-[3-[7,8-dihydro-8-methyl-2-[(2-methyl-3-pyridinyl)amino]-7-oxo-6-pteridinyl]-4-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 872856-22-9 CAPLUS
CN Benzamide, N-[3-[2-[(4,6-dimethyl-3-pyridinyl)amino]-7,8-dihydro-8-methyl-7-oxo-6-pteridinyl]-4-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



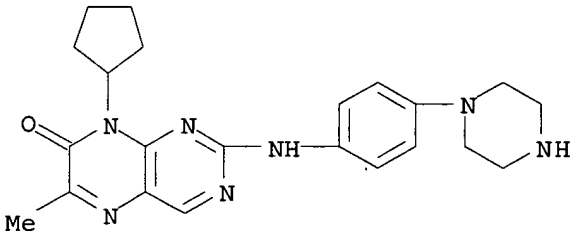
L16 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
2004:633921 Document No. 141:174079 Preparation of 2-aminopyridines as cdk4 inhibitors. Biwersi, Cathlin Marie; Mcnamara, Dennis Joseph; Repine, Joseph Thomas; Toogood, Peter Laurence; Vanderwel, Scott Norman; Warmus, Joseph Scott (Warner-Lambert Company Llc, USA). PCT Int. Appl. WO 2004065378 A1 20040805, 89 pp. DESIGNATED STATES: W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GH, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK,

MN, MW, MX, MX, MZ. (English). CODEN: PIXXD2. APPLICATION: WO 2004-IB91 20040109. PRIORITY: US 2003-2003/PV440805 20030117.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004065378	A1	20040805	WO 2004-IB91	20040109
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ				
	CA 2512646	AA	20040805	CA 2004-2512646	20040109
	EP 1590341	A1	20051102	EP 2004-701058	20040109
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	US 2004236084	A1	20041125	US 2004-759749	20040116

IT **733038-96-5 733039-01-5**
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(cdk4 inhibitor; preparation of 2-aminopyridines as cdk4 inhibitors for treating cell proliferative disorders)

RN 733038-96-5 CAPLUS
CN 7(8H)-Pteridinone, 8-cyclopentyl-6-methyl-2-[[4-(1-piperazinyl)phenyl]amino]- (9CI) (CA INDEX NAME)



RN 733039-01-5 CAPLUS
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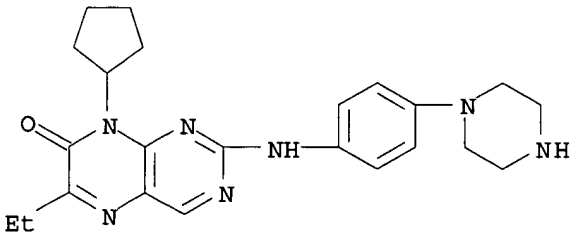
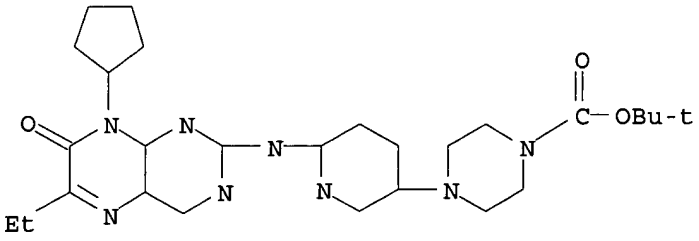


IT **733038-90-9P**, 4-[6-(8-Cyclopentyl-6-ethyl-7-oxo-7,8-dihydropteridin-2-ylamino)pyridin-3-yl]piperazine-1-carboxylic acid tert-butyl ester
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(cdk4 inhibitor; preparation of 2-aminopyridines as cdk4 inhibitors for treating cell proliferative disorders)

RN 733038-90-9 CAPLUS
CN 1-Piperazinecarboxylic acid, 4-[6-[(8-cyclopentyl-6-ethyl-7,8-dihydro-7-oxo-2-pteridinyl)amino]-3-pyridinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

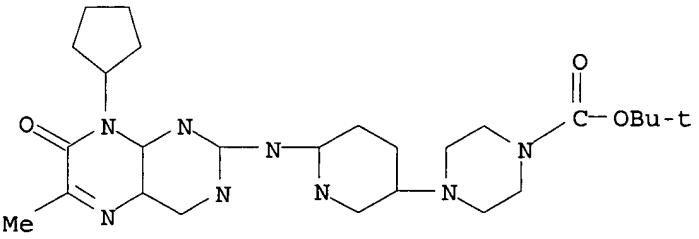


ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

IT **733038-86-3P**, 4-[6-[(8-Cyclopentyl-6-methyl-7-oxo-7,8-dihydropteridin-2-yl)amino]pyridin-3-yl]piperazine-1-carboxylic acid tert-butyl ester **733038-88-5P**, 8-Cyclopentyl-6-methyl-2-[5-(piperazin-1-yl)pyridin-2-ylamino]-8H-pteridin-7-one **733038-92-1P**, 8-Cyclopentyl-6-ethyl-2-[5-(piperazin-1-yl)pyridin-2-ylamino]-8H-pteridin-7-one **733040-06-7P**, 6-Acetyl-8-cyclopentyl-2-[5-(piperazin-1-yl)pyridin-2-ylamino]-8H-pteridin-7-one
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(cdk4 inhibitor; preparation of 2-aminopyridines as cdk4 inhibitors for treating cell proliferative disorders)

RN 733038-86-3 CAPLUS

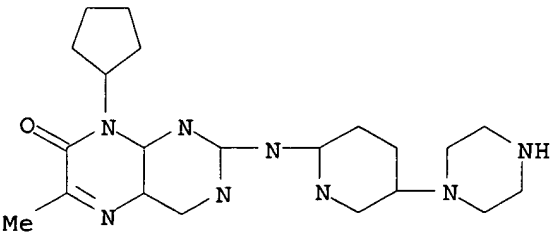
CN 1-Piperazinecarboxylic acid, 4-[6-[(8-cyclopentyl-7,8-dihydro-6-methyl-7-oxo-2-pteridinyl)amino]-3-pyridinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 733038-88-5 CAPLUS

CN 7(8H)-Pteridinone, 8-cyclopentyl-6-methyl-2-[[5-(1-piperazinyl)-2-pyridinyl]amino]- (9CI) (CA INDEX NAME)

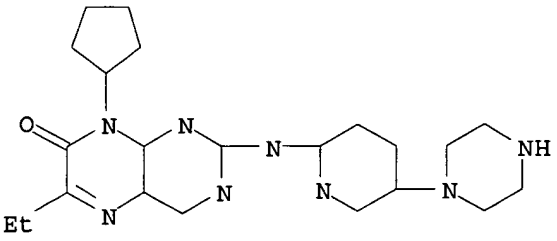


ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

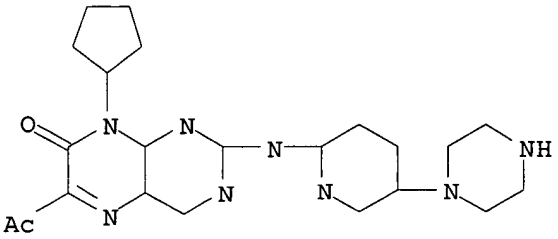
RN 733038-92-1 CAPLUS

CN 7(8H)-Pteridinone, 8-cyclopentyl-6-ethyl-2-[[5-(1-piperazinyl)-2-

pyridinyl]amino]- (9CI) (CA INDEX NAME)



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
RN 733040-06-7 CAPLUS
CN 7(8H)-Pteridinone, 6-acetyl-8-cyclopentyl-2-[[5-(1-piperazinyl)-2-pyridinyl]amino]- (9CI) (CA INDEX NAME)



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

L16 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
2002:754389 Document No. 137:263070 Pteridines and pyrido[3,4-b]pyrazines as kinase inhibitors for the treatment of hyperproliferative diseases. Bondinell, William E.; Holt, Dennis A.; Lago, Maria Amparo; Neeb, Michael J.; Semones, Marcus A. (Smithkline Beecham Corporation, USA). PCT Int. Appl. WO 2002076985 A1 20021003, 32 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2002-US8915 20020322. PRIORITY: US 2001-2001/PV278091 20010323.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002076985	A1	20021003	WO 2002-US8915	20020322

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
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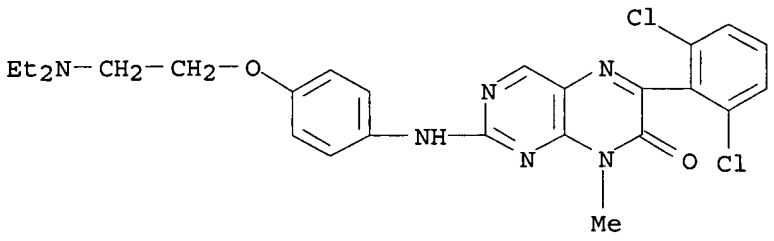
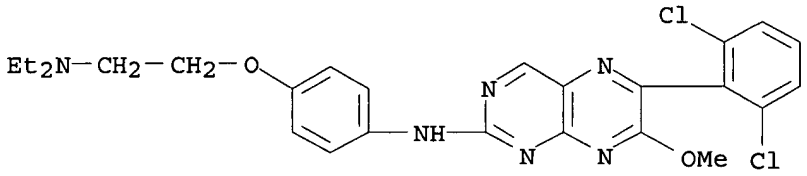
IT **330550-36-2P 463935-01-5P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(pteridines and pyrido[3,4-b]pyrazines useful as kinase inhibitors for the treatment of hyperproliferative diseases)

RN 330550-36-2 CAPLUS
CN 7(8H)-Pteridinone, 6-(2,6-dichlorophenyl)-2-[[4-[2-(diethylamino)ethoxy]phenyl]amino]-8-methyl- (9CI) (CA INDEX NAME)



RN 463935-01-5 CAPLUS
CN 2-Pteridinamine, 6-(2,6-dichlorophenyl)-N-[4-[2-(diethylamino)ethoxy]phenyl]-7-methoxy- (9CI) (CA INDEX NAME)



L16 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
2002:754362 Document No. 137:263069 Preparation of pteridinones and pyrido[3,4-b]pyrazinones as kinase inhibitors for the treatment of hyperproliferative diseases. Bondinell, William E.; Holt, Dennis A.; Lago, Maria Amparo; Neeb, Michael J.; Semones, Marcus A. (Smithkline Beecham Corporation, USA). PCT Int. Appl. WO 2002076954 A1 20021003, 37 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2002-US9022 20020322. PRIORITY: US 2001-2001/PV278119 20010323.

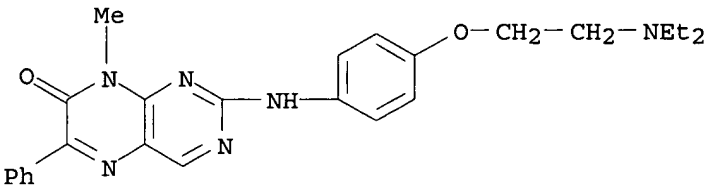
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002076954	A1	20021003	WO 2002-US9022	20020322

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

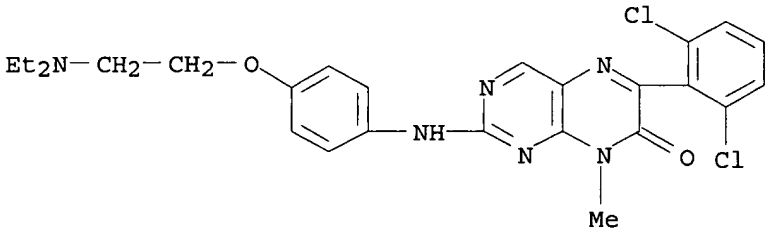
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

IT **330550-35-1P 330550-36-2P 463935-77-5P 463935-78-6P 463935-79-7P 463935-85-5P 463935-88-8P 463935-89-9P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pteridinones and pyrido[3,4-b]pyrazinones as kinase inhibitors for the treatment of hyperproliferative diseases)

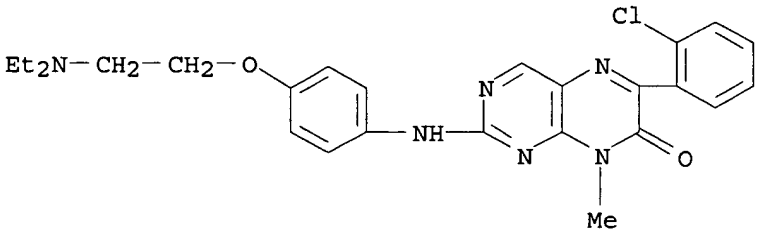
RN 330550-35-1 CAPLUS
CN 7(8H)-Pteridinone, 2-[[4-[2-(diethylamino)ethoxy]phenyl]amino]-8-methyl-6-phenyl- (9CI) (CA INDEX NAME)



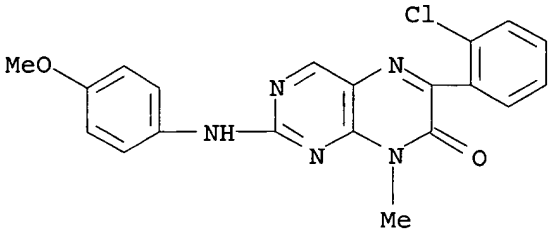
RN 330550-36-2 CAPLUS
CN 7(8H)-Pteridinone, 6-(2,6-dichlorophenyl)-2-[[4-[2-(diethylamino)ethoxy]phenyl]amino]-8-methyl- (9CI) (CA INDEX NAME)



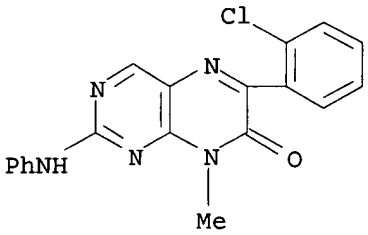
RN 463935-77-5 CAPLUS
CN 7(8H)-Pteridinone, 6-(2-chlorophenyl)-2-[[4-[2-(diethylamino)ethoxy]phenyl]amino]-8-methyl- (9CI) (CA INDEX NAME)



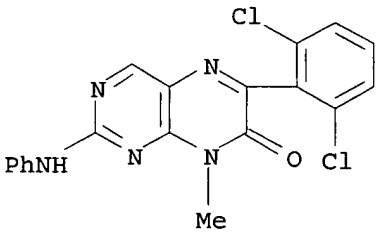
RN 463935-78-6 CAPLUS
CN 7(8H)-Pteridinone, 6-(2-chlorophenyl)-2-[(4-methoxyphenyl)amino]-8-methyl- (9CI) (CA INDEX NAME)



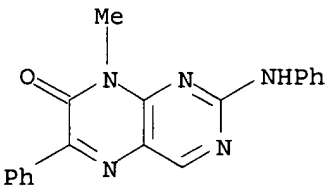
RN 463935-79-7 CAPLUS
CN 7(8H)-Pteridinone, 6-(2-chlorophenyl)-8-methyl-2-(phenylamino)- (9CI) (CA INDEX NAME)



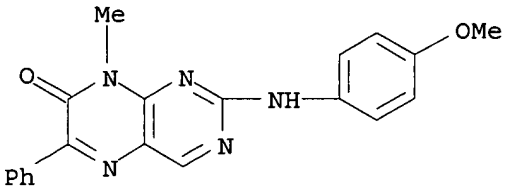
RN 463935-85-5 CAPLUS
CN 7(8H)-Pteridinone, 6-(2,6-dichlorophenyl)-8-methyl-2-(phenylamino)- (9CI) (CA INDEX NAME)



RN 463935-88-8 CAPLUS
CN 7(8H)-Pteridinone, 8-methyl-6-phenyl-2-(phenylamino)- (9CI) (CA INDEX NAME)



RN 463935-89-9 CAPLUS
CN 7(8H)-Pteridinone, 2-[(4-methoxyphenyl)amino]-8-methyl-6-phenyl- (9CI) (CA INDEX NAME)



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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:.
STN INTERNATIONAL LOGOFF AT 10:46:11 ON 03 FEB 2006